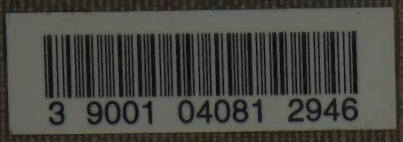
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LIST OF EDUCATIONAL SUBJECT HEADINGS

LIST OF EDUCATIONAL SUBJECT HEADINGS

Prepared by

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FOR THE COMMITTEE ON THE CLASSIFICATION OF EDUCATIONAL MATERIALS OF THE

NATIONAL EDUCATION ASSOCIATION COMMISSION ON COORDINATION OF RESEARCH AGENCIES

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FOREWORD

The Executive Committee of the National Education Association Commission on the Coordination of Research Agencies at its meeting in Chicago, April 29–30, 1922, recommended the appointment of a subcommittee of three of its members "to work out a systematic and comprehensive classification of educational activities and functions covering the entire field of education, and to work out a terminology that might be generally accepted." Such a committee was duly appointed. It consisted of Thomas H. Briggs (chairman), B. R. Buckingham, and S. A. Courtis.[1]

The discussion which led to the recommendation for the appointment of this Committee made it clear that the proper work of the Committee would be that of providing systems for classifying and indexing educational materials. The purpose of such systems would be to facilitate the finding, filing, and exchanging of data. The Committee held two meetings, one in Cleveland, Ohio, on June 2, 1922, and the other in Columbus, Ohio, on February 18, 1923. Up to the time of the latter meeting it had examined all available general classification systems (those devised by Melvil Dewey, the Library of Congress, and the Institute International de Bibliographie), several devised by individual workers in education, one detailed scheme for the classification of a physical-training library, and extensions of the *Decimal Classification* adapted for use in libraries of law and architecture. It had also conducted an extensive correspondence with librarians and with departments of education in a number of colleges and universities.

As a result of its investigations the Committee was inclined to a

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[1] Later five other members were added, but the enlarged Committee held no meetings. On February 24, 1923, a committee on terminology was appointed, thus relieving the so-called "Classification Committee" of the mandate "to work out a terminology that might be generally accepted."

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ten-division extension of Division 370 of the *Decimal Classification*, each step to be extended two or more places farther to the right of the decimal point in order to provide for details. Such an extension was devised at the Cleveland meeting of the Committee. It was afterwards tested in the classification of several hundred volumes of current educational literature. The Committee found, however, that its problems of classification and indexing were distinct, and that the scheme which it was trying out was inadequate for either purpose. It was inadequate as a classification scheme because such a scheme must of necessity provide for the successive subordination of items in larger detail than the Committee was able, without extensive expert cooperation, to devise. The scheme was not satisfactory as a basis of indexing because the index must, by its very nature, be a finding list with items arranged in an alphabetical order.

It was clear to the Committee that if a person wished to ascertain the resources of a given library on *remedial instruction in arithmetic*, the quickest and most natural procedure would be to look in the card catalog for items listed under the subject headings "Arithmetic—Remedial instruction" or "Remedial instruction in arithmetic." Accordingly, the Committee decided that its first task should be to devise a list of subject headings for use in indexing.

During the academic year 1922–1923, Miss Margaret Doherty, at that time reference assistant in the Bureau of Educational Research at Ohio State University, prepared for the Committee the *Tentative List of Educational Subject Headings*. This list was issued in mimeographed form in September, 1923. It was submitted to about two hundred persons — librarians and educational people — who were requested to try it out and to submit criticisms. A great many helpful suggestions were received. At the same time it became evident that a great deal more time would have to be spent before a satisfactory list could be formulated.

Meanwhile Miss Doherty had resigned, and the Committee, which had been dependent upon the office of Mr. Buckingham for carrying

this project forward, was obliged to postpone the making of a final report. A year or so later, however, an arrangement was made which permitted the further utilization of the Bureau at Ohio State University for this work. According to this arrangement, the National Education Association was to make some money available for typing and clerical service. The Bureau was to furnish the necessary technical service and was to be given the opportunity to publish the completed work. Miss L. Belle Voegelein, who had succeeded Miss Doherty as reference assistant, took up with vigor the preparation of a list of educational subject headings. She worked from the ground up instead of building directly upon the earlier tentative list. At the same time she made considerable use of the lessons and suggestions which had already been made available through Miss Doherty's earlier work.

The primary use of this List is for purposes of indexing educational material. This may include not only books, periodical literature, and bulletins, but also letters, memoranda, and paper material of all sorts. If, in accordance with this List, subject headings are to be assigned to topics in a book, the person who does the work must consult its table of contents, its index, and its paragraph heads. He must read enough of the book to know in substance the topics of which it treats. As this work progresses the indexer will consult the List for each topic found in the book. The most appropriate subject heading will be selected for the topic and a card made carrying on the top line the exact wording of the subject heading. Under this will be indicated the bibliographical data with a specific citation to the pages where the treatment of the topic described by the subject heading appears. Thus, as many index cards may be made for each book as there are distinct topics in the book. Clearly, this is a matter of judgment. One library or office may wish to index very minutely; another may be satisfied merely to make a card for each large and obvious topic.

A list of subject headings, if it secures wide acceptance, can elim-

inate much of the present confusion in the use of educational writings. It will be entirely possible for a group of libraries or bureaus to cooperate in making an index for the use of all the organizations in the cooperating group. For example, *Organization A* may agree to index all the city superintendents' reports and to duplicate the cards so as to supply each of the other cooperating organizations; *Organization B* may agree to index the periodicals and similarly make its work available to the group. Other organizations may index the publications of learned societies, of universities, and all books issued by certain publishers to the regular trade. The point is that all this work can go on with reasonable uniformity and that an exchange of materials is entirely possible.

Again, with indexes based on a recognized list of subject headings an exchange is possible of a different sort. If one library is weak in a certain class of material and if there is an unexpected demand for such material, the library in question may communicate with other libraries and request a listing of its material under certain specified headings. It can do this with entire confidence since the library from which it requests information will be using the same headings.

The material submitted herewith constitutes the Classification Committee's final report. It is evident that the Committee has depended primarily upon the office of one of its members for bringing this work to completion. It is likewise evident that the Committee cannot assume responsibility for details in the execution of the plan. Both the responsibility and the credit for these details should rest upon the Director of the Bureau of Educational Research at Ohio State University and upon Miss Voegelein who worked under his supervision.

INTRODUCTION

The scope of this *List of Educational Subject Headings* is as broad as the field of education itself. It was necessary that this be so if the List was to fulfill its purpose. No one phase of education exists apart from the others but all are intimately associated and function together.

The List has been built from original data. In its preparation hundreds of educational books, bulletins, and periodical articles were read for subject headings, for cross-references, and for terminology. In the setting up of the headings cognizance was taken of the practices of the Library of Congress, the American Library Association, and such indexes as the *Readers' Guide to Periodical Literature.* Since, however, these headings were for a special subject it was found inadvisable to imitate predecessors too closely. Where better methods had been found in the handling of educational literature, those methods were adopted. To minimize the difficulties which users of other lists would find because of these differences in procedure, cross-references have been supplied very generously.

Several years' experience in directing the preparation of an educational index to periodical literature for the Bureau of Educational Research at Ohio State University and the everyday use of this index with professors and students of education have been of material assistance in the selection of headings and in ascertaining the best forms of entry. In addition, a more extensive outlook was secured through the helpful suggestions which a selected number of leading educators and librarians submitted upon the *Tentative List* prepared by Miss Margaret Doherty in 1923.

Attention is directed to the following information as an interpretation of this List and a guide to its use:

Names of persons, places, institutions, associations, and tests and scales are omitted unless they are the names of school subjects or are needed for illustrative purposes.

In spelling, Webster's *New International Dictionary* has been followed. Where two spellings were offered, the simpler was chosen following the precedent of other lists. Entries are plural in form except where the thought requires the singular.

A system of codes has been devised to suggest what subdivisions are appropriate under a given heading. These codes are indicated only in the case of headings which will probably need to be subdivided. Their use, however, is optional. In this List those subdivisions appear which have been used in assigning subject headings to materials which were examined in the preparation of the List. Other subdivisions, suggested by the codes, may be inserted when needed. Seven codes are employed; these are listed under Codes and Subdivisions. In all cases use only those subdivisions which are applicable to the subject in hand.

To differentiate between headings and to suggest something of their scope, explanatory phrases and notes have sometimes been inserted under the entry word. Caution should be exercised lest these definitions limit the subject too narrowly.

See also references have been made chiefly from general subjects to specific subjects or from larger topics to smaller ones. The *see also* references among the *refer froms* are listed before the *see* references which follow "(s)"; each has its own alphabetical arrangement. It should also be noted that the cross-references which are listed under a main entry are usually not repeated under its subdivisions although the references are applicable provided that they also be subdivided. Since these references may readily be inferred and supplied, the omissions were allowed that space might be saved. Another device for economy of space, which was used where expedient, was to refer from the most general heading to one less inclusive and then to refer from this heading to the one next lower.

See references have been made from headings which are not to be used to those which are to be used as main subject entries. These main-entry words are printed in boldface type.

The arrangement of the subdivisions of a main heading is alphabetical except where a note suggests that a different grouping will be found more helpful. Where entry words are similar the unmodified form appears first followed by its subdivisions. These are followed by headings with parenthesized modifiers and these in turn are followed by headings with adjectival modifiers.

In some cases there is but one entry for a subject and that consists of the subject with a subdivision. Although this is contrary to library practice, it is to be justified in that this particular List emphasizes only educational applications, and if the subject undivided has none, it is better that it be omitted. Space, also, is thereby saved.

The plan has been to eliminate the words "school" and "educational" as initial entry words as often as possible. The user of this List is therefore advised to look for main-entry words under subjects not preceded by school or educational, e.g. School administration and Educational psychology will be found entered as Administration—Public schools, and Psychology, Educational, respectively.

The list of cross-references is by no means exhausted and should be increased as new relationships are discovered. These additional references as well as new main headings are to be inserted in the deep foot margins which have been provided in the book for that purpose. It is suggested that these additions be numbered in the order of their insertion and that the corresponding numbers be indicated in the List at the proper places; it will also be well to observe the two-column arrangement. Furthermore, main-entry words and cross-references should be checked on the List when first used since this method will enable the indexer to determine very quickly those topics which have been utilized. Remember, also, that cross-references are to be made only to headings which are actually used.

The *List of Educational Subject Headings* would never have been realized had it not been for Dr. B. R. Buckingham, director of the Bureau of Educational Research at Ohio State University. His interest in and support of the project were unfailing and so sincere that when many months of continuous study were required for its completion he made the necessary time available. Acknowledgment is also gratefully made to the National Education Association for its share in financing the work of clerks and typists.

If the List gives ready assistance to educators and librarians in the systematic preparation of references to educational literature and in the filing of materials, it will have fulfilled its purpose and will have been worthy of the labor which has been expended in its preparation.

L. BELLE VOEGELEIN

CODES AND SUBDIVISIONS

Code *(B)* represents the following biographical subdivisions:[1]

Bibliography
Biography
Criticism and interpretation
Educational theories and methods
Philosophical theories
Psychological theories

Code *(F)* represents the following form subdivisions:[2]

Addresses, essays, etc.
(Under subjects; not for a single address, essay, etc., if it deals with a special phase of a subject)
Bibliography
(Under names of classes of persons and subjects)
Conferences and conventions
(Under names of classes of persons and subjects)
Controversial literature
History
Laws and legislation
Manuals and handbooks
(Under names of countries, states, cities, etc., and under subjects)
Outlines, syllabi, etc.
Periodicals
Standards
Statistics
Terminology
Theories and principles
Yearbooks

Code *(G)* represents geographical subdivisions. Geographical subdivisions are the names of continents, countries, states, cities, etc.

Code *(P)* represents the following personnel subdivisions:

City superintendents—Public schools
County superintendents—Public schools
Engineers
Janitors
Presidents
Principals
State superintendents—Public schools
Students
Supervisors
Teachers

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[1] Since names of persons are not included in the List, references to code *(B)* occur only indirectly.

[2] Since the subdivisions indicated by code *(F)* are to be used regularly under subjects it has been deemed unnecessary to indicate them in the List.

Code *(S)* represents the following school-subject subdivisions:

Achievements—Students
Aims and objectives
Aims and objectives—Ascertainment
Clubs
Contests
Correlation with other subjects
Courses of study
Diagnosis
Dramatization
Examinations, questions, etc.
Exhibits
Field work
Games
Habits and skills
Home projects
Hygiene
Instructional materials
Laboratory manuals
Laboratory work
Lesson plans
Measuring results
Minimum essentials
Motivation
Practice
Practice materials
Problems, exercises, etc.
Professionalization
Programs
Projects
Psychology
Reading
Remedial instruction
Required reading
Research
Shop work
Supervised study
Supplementary reading
Surveys
Teacher training
Teachers' manuals
Teaching
Teaching—Aids and devices
Teaching—Methods and technique
Test scores
Tests and scales
Textbooks
Time allotments
Value
Vocabulary studies

Code *(T)* represents the following test subdivisions:

Administration
Characteristics
Classification
Construction
Correlation
Evaluation
Norms
Reliability
Scores
Scoring
Selection
Standardization
Uses
Validity
Weighting

Code *(U)* represents the following unit-of-school-organization subdivisions:

City schools
Eighth grades
Elementary schools
Fifth grades
First grades
Fourth grades
Grammar grades
High schools
Intermediate grades
Junior colleges
Junior high schools
Kindergartens
Ninth grades
Normal schools and teachers colleges
Platoon schools
Primary grades
Private schools
Public schools
Rural schools
Second grades
Senior high schools
Seventh grades
Sixth grades
Sunday schools
Third grades
Universities and colleges

LIST OF EDUCATIONAL SUBJECT HEADINGS

A

A.B. degree. *See* Bachelors' degrees.

Abacus.
Refer from Arithmetic—Teaching—Aids and devices; Mechanical calculation.

Abandoned children—Education. *See* Dependent children—Education.

Abbey schools.
See also Almonry schools; Cloister schools.
Refer from Catholic church—Educational work; Education — Europe — Medieval period; Monasticism and education; (s): Monastic schools.

A-B-C method. *See* Alphabetic method.

A-B-C schools.
See also Dame schools; Petty schools.

Abilities, Special. *See* Special abilities.

Ability.
(General; capacities plus education)
See also Artistic ability; Business ability; Capacities; Correlation of abilities; Executive ability; Genius; Individual differences; Initiative; Intelligence; Mechanical ability; Motor ability; Musical ability; Physical ability; Social ability; Special abilities; Transfer of training.
Refer from Learning; (s): General ability.

Ability grouping. *See* Homogeneous grouping.

Ability tests. *See* Achievement tests; Aptitude tests; Intelligence tests; Mental tests; Physical ability tests; Prognosis tests; Vocational tests; *also* Tests and scales used as a school-subject subdivision *(S)* e.g. Music — Tests and scales.

Abnormal children. *See* Atypical children.

Abnormal psychology.
See also Clinical psychology; Mentally deficient; Mentally superior; Objective method; Personality; Psychoanalysis; Unstable children.
Refer from Psychology; Psychology, Educational; Psychopathology; Purposive psychology; (s): Psychology, Abnormal.

Aboulia. *See* Abulia.

Absences. *(P)*
—**Students.** *(U)*
Refer from Attendance—Students; Failures—Students; Student accounting.
—**Public schools.**
See also Truants and truancy.
Refer from Attendance — Students — Public schools; Attendance departments — Public schools; Backward children; Classroom management; Student cooperation and service—Public schools.
—**Teachers.** *(U)*
See also Leaves of absence—Teachers.
Refer from Substitute teachers; Teacher accounting; (s): Teachers—Absences.

Absent-mindedness. *See* Attention.

Absentia work.
See also Non-resident students—Universities and colleges; University extension.
Refer from Graduate work—Universities and colleges.

Abstract and concrete.
Refer from Abstraction; Child psychology; Generalization; Learning; Logic; (s): Concrete and abstract.

Abstraction.
(Philosophical and psychological connotations)
See also Abstract and concrete; Dissociation.
Refer from Analysis and synthesis; Attention; Deduction; Ideas and ideation; Induction; Lapses; Learning; Number, Psychology of; Reason and reasoning.

Abulia.
(Decrease or absence of will power)
Refer from Attention; Movement disorders; Neurasthenia; Psychasthenia; Will—Diseases; (s): Aboulia.

Academic contests. *See* Scholarship contests.

Academic costumes. *(G, U)*
Refer from Student life—Universities and colleges; Teachers — Universities and colleges; Uniforms; (s): Caps and gowns; Costumes, Academic; Gowns, Academic; Hoods, Academic; Universities and colleges—Costumes.

Academic degrees. *See* Degrees, Academic.

Academic dissertations. *See* Dissertations, Academic.

Academic freedom. *(U)*
Refer from Education—Theories and principles; (s): Free speech; Freedom of teaching; Teaching, Freedom of.

—Public schools.
Refer from Administration — Public schools; Teaching—High schools.

—Universities and colleges.
Refer from Administration—Universities and colleges; Teaching—Universities and colleges.

Academic method.
See also Anatomy; Imitation.
Refer from Art—Teaching—Methods and technique.

Academic tenure. *See* Tenure—Teachers.

Academies. *(G)*
See also Art schools—Europe; Courtly academies; Preparatory schools.
Refer from Calvinists—Educational work; Chivalric education; Dissenters—Educational work; Education—U. S.—History; Gentry and nobles—Education; Private schools; Realism in education; Renaissance, The, and education; Schools; Secondary education; Teacher training; (s): College preparatory departments.

Academies (learned societies) *See* Learned societies.

Accelerated children. *See* Acceleration—Students; Mentally superior.

Acceleration—Students. *(U)*
See also Mental age; Mentally superior.
Refer from Age-grade-progress; Classification — Students; Promotions — Students; Student accounting; Student progress; (s): Accelerated children; Rapid promotion; Skipping of grades; Underageness.

Accessories—School buildings. *See* Service systems—School buildings.

Accessory muscles. *See* Muscles.

Accidence.
(Inflection of words)
Refer from Education—U. S.—Colonial period; English language—Grammar—Teaching—Methods and technique.

Accident prevention. *See* Safety education.

Accidents. *(P)*
Refer from Safety education.

Accipies.
Refer from Textbooks—History.

Accommodation.
(Passive adaptation; nature and function)
See also Imitation; Plasticity.
Refer from Adaptation; Adjustment; Animal psychology; Character education; Environment; Habit; Reflexes.

Accommodation (pupillary reflex) *See* Eye.

Accomplishment quotient. *See* Educational age and quotient.

Accomplishment ratio.
(A. R.)
See also Age norms.
Refer from Achievement tests; Educational age and quotient; Intelligence quotient; Mental age; Promotions—Students; (s): Achievement ratio.

Accomplishment tests. *See* Achievement tests.

Accountancy education. *(G)*
See also Accounting; Bookkeeping.
Refer from Commercial education; Education.

Accountants. *(U)*
—Public schools.
Refer from Business administration—Public schools.

Accounting. *(S, U)*
(Treats of the legal, industrial, commercial, and financial principles of business transactions; an advanced type of bookkeeping)
See also Bookkeeping; Commercial arithmetic.
Refer from Accountancy education; Commercial education.

Accounting, Child. *See* Student accounting.

Accounting, School. *See* Financial accounting—Public schools.

Accredited colleges. *See* Accredited universities and colleges.

Accredited elementary schools. *(G)*
(Include methods of accrediting)
See also Accredited teachers; Standards—Elementary schools.
Refer from Elementary schools; Entrance requirements—High schools; State administration—Public schools; (s): Accrediting systems; Elementary schools, Accredited.

Accredited high schools. *(G)*
(Include methods of accrediting)
See also Accredited teachers; Standards—High schools.
Refer from Articulation—Universities and colleges and high schools; Entrance requirements—Universities and colleges; High schools; Inspection—High schools; State administration—Public schools; (s): Accrediting systems; High schools, Accredited.

Accredited teachers. *(G)*
Refer from Accredited elementary schools; Accredited high schools; Teachers—Public schools.

Accredited universities and colleges. *(G)*
See also Standards—Universities and colleges.
Refer from Universities and colleges—U. S.; (s): Accredited colleges.

Accrediting systems. *See* Accredited elementary schools; Accredited high schools.

Accuracy.
See also Errors of observation.
Refer from Learning; Mathematics; Observation; Science; Statistical methods.

Accuracy tests. *See* Quality tests.

Achievement age and quotient. *See* Educational age and quotient.

Achievement ratio. *See* Accomplishment ratio.

Achievement tests. *(T, U)*
See also Accomplishment ratio; Age; Diagnosis tests; Educational age and quotient; Objective examinations; Power tests; Practice tests; Quality tests; Rate tests; Reasoning tests; Subject age, quotient, and ratio; Subjective tests; *also* Tests and scales used as a school-subject subdivision *(S)* e.g. History—Tests and scales; *also* names of specific achievement tests, e.g. Kansas silent reading test. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Achievements—Students; Batteries of tests; Clinical psychology; Comparative method; Examinations; Individual differences; Intelligence and school success; Measuring results in education; Mental tests; Survey tests; Testing programs; Tests and scales; (s): Ability tests; Accomplishment tests; Attainment tests; Educational tests; Scholastic tests; Subject-matter tests; Subject tests.

—Scores.
See also Test scores and students' marks; Test scores and teachers' judgments; *also* Test scores used as a school-subject subdivision *(S)* e.g. Arithmetic—Test scores.

—Universities and colleges.
Refer from Examinations—Universities and colleges.

—Uses.
Refer from Classification—Students; Educational guidance; Personnel service; Promotions—Students; Supervision of teaching; Vocational guidance.

Achievement tests for teachers. *(U)*
Refer from Teacher rating; Tests and scales for teachers.

Achievements—Students. *(U)*
See also Achievement tests; Effort; Examinations; Interest; Marks—Students; Measuring results in education; Report cards; *also* Achievements — Students used as a school-subject subdivision *(S)* e.g. Arithmetic — Achievements — Students.
Refer from Educational measurements; Intelligence and school success; Student accounting; Teacher rating; (s): Attainments, Educational; Educational progress.

Acoustics.
(Science of sounds)
See also Acoustics, Architectural; Auditory sensations; Tones.
Refer from Auditory perception.

Acoustics, Architectural.
Refer from Acoustics; Architecture; Auditoriums; (s): Architectural acoustics.

Acquired characteristics.
Refer from Animal psychology; Child psychology; Environment; Evolution; Habit; Heredity; Individual differences; Learning; Preschool education—Theories and principles; Recapitulation theory; (s): Mutation.

Acquisitiveness.
Refer from Instincts; (s): Collecting instincts.

Acting. *(S, U)*
See also Elocution; Expression.
Refer from Dramatic education; Dramatics; Dramatization; Festivals; Pageantry; (s): Stage, Training for.

Action work.
Refer from Foreign-speaking children—Education; Object teaching; Reading—Teaching—Methods and technique; Self-activity; Word recognition.

Activities, Extra-curricular. *See* Extra-curricular activities.

Activity.
(Psychological and educational connotations)
See also Activity analysis; Impulse; Motor processes; Nerve impulses; Self-activity.
Refer from Consciousness; Effort; Emotions; Feelings; Genetic psychology; Initiative; Learning; Mental development; Motivation in education; Percepts and perception; Play; Theory and practice; (s): Spontaneity.

Activity analysis.
(Applied to all human activities)
See also Functional analysis; Job analysis; Occupational analysis.
Refer from Activity; Courses of study—Construction; Education—Aims and objectives—Ascertainment.

Activity schools. *(G)*
Refer from Experimental schools; Schools.

Activity stream.
Refer from Behaviorism.

Acts and bills, Educational. *See* Bills and acts, Educational.

Adaptation.
(Nature and function)
See also Accommodation; Control; Plasticity.
Refer from Adjustment; Animal psychology; Differential psychology; Education—Theories and principles; Environment; Evolution; Infancy; Stimulus and response; (s): Mental adaptation.

Adaptation, Sensory.
Refer from After-images; Eye; Nose; Sense organs; Warm and cold spots.

Adaptation of schools to individual differences. *See* Individual differences—Adjustments—Public schools.

Addition.
(Include adding up or down, etc.)
Refer from Arithmetic; Checks on computations; Mathematics.

Addresses, essays, etc. *See* Addresses, essays, etc. used as a form subdivision *(F)* e.g. Education—Addresses, essays, etc.

Adenoids.
Refer from Medical inspection; Nose—Diseases and defects; Retardation, Mental.

Adjustment.
(Nature and function)
See also Accommodation; Adaptation; Conflict; Control; Plasticity.
Refer from Education—Aims and objectives; Environment; Knowledge; Natural selection; Stimulus and response; Teaching—Theories and principles; Thought and thinking.

Adjustment rooms. *See* Ungraded rooms.

Adjustments to individual differences. *See* Individual differences—Adjustments.

Administration. *(U)*
(Include organization and management)
See also All or none principle; Buildings; Business administration; Centralization of control; Curricula; Finance; Student accounting; Supervision of teaching; Teacher accounting; Teaching; *also* Administration used as a subdivision under special subjects, e.g. Extra-curricular activities—Administration.
Refer from (s): Educational administration.

—City schools.
See also Attendance departments—Public schools; Building departments—Public schools; Bureaus of educational research—Public schools; Business administration—Public schools; City boards of education; City courses of study; City reports—Public schools; City superintendents—Public schools; City surveys—Public schools; Continuation schools; Departmental plan; Eight-four plan; Evening schools; Examination systems—Teachers; Finance—City schools; Half-day sessions; Health departments—Public schools; Part-time education; Platoon plan; Principals; Seven-four plan; Six-four-four plan; Six-four-two plan; Six-six plan; Six-three-three plan; Supervision of teaching—City schools; Vacation schools.
Refer from Administration—Public schools; (s): City school administration; City unit of school administration; Local school administration.

—Elementary schools.
See also Student accounting—Elementary schools; Student self-government—Elementary schools.
Refer from (s): Elementary schools—Administration.

—High schools.
See also High-school boards; Student accounting—High schools; Student self-government—High schools.
Refer from (s): High schools—Administration.

—Junior colleges.
See also Rules and regulations—Junior colleges.
Refer from (s): Junior colleges—Administration.

—Junior high schools.
Refer from (s): Junior high schools—Administration.

—Normal schools and teachers colleges.
See also Presidents—Normal schools and teachers colleges; Rules and regulations—Normal schools and teachers colleges.
Refer from (s): Normal schools and teachers colleges—Administration.

—Public schools.
See also Academic freedom—Public

Administration—Public schools—*(Continued)*
schools; Administration—City schools; Administration—Rural schools; All-year schools; Architecture, School; Boards of education; Census, School; Classification—Students—Public schools; Classroom management; Community and school; Consolidation of schools; County administration—Public schools; Courses of study; Daily programs and time schedules; Discipline, School; District administration — Public schools; Dual systems — Public schools; Educational guidance—Public schools; Educational measurements—Public schools; Employment certificates; Examination systems; Extra-curricular activities—Public schools; Finance—Public schools; Individual differences—Adjustments—Public schools; Janitors—Public schools; Length of class periods—Public schools; Length of course — Public schools; Length of session — Public schools; Length of week—Public schools; Length of year—Public schools; Library administration—Public schools; Medical inspection—Public schools; Politics and education; Programs of studies—Public schools; Promotions — Students; Publicity—Public schools; Reports—Public schools; Research—Public schools; Rules and regulations—Public schools; Special education; State administration—Public schools; Student accounting — Public schools; Student rights—Public schools; Student self-government — Public schools; Student strikes—Public schools; Superintendents—Public schools; Supervision of teaching—Public schools; Surveys—Public schools; Teacher accounting—Public schools; Teachers—Public schools; Textbooks — Public schools; Township administration — Public schools; United States—Government and education; Vacations; Vocational guidance—Public schools; *also* Education subdivided by names of countries, states, etc., e.g. Education—France; Education—Ohio.

Refer from Education—Theories and principles; State, The, and education; (s): Control, School; Government, School; Organization — Public schools; School management and organization.

—Rural schools.

See also Classroom management; Finance—Rural schools.

Refer from Administration — Public schools; District administration—Public schools; (s): Rural schools—Administration.

—Student participation. *(U)*

See also Student councils; Student self-government.

Refer from Democracy and education; Student cooperation and service; (s): Cooperative government, School; Student participation in school administration.

—Elementary schools.

See also Junior republics; School city, state, etc.

Refer from Classroom management.

—High schools.

—Universities and colleges.

See also Student councils—Universities and colleges; Student self-government—Universities and colleges.

Administration—*(Continued)*

—Sunday schools.

See also Sunday-school officers.

Refer from (s): Sunday schools—Administration.

—Teacher participation. *(U)*

See also Teachers' councils.

Refer from Democracy and education; Teacher participation; Teacher training in service.

—Universities and colleges.

See also Academic freedom—Universities and colleges; Automobiles—Students—Universities and colleges; Boards of trustees — Universities and colleges; Business administration — Universities and colleges; Calendars—Universities and colleges; Community and college; Curricula — Universities and colleges; Deans of colleges; Deans of men; Deans of women; Degrees, Academic; Extra-curricular activities—Universities and colleges; Faculties — Universities and colleges; Faculty meetings—Universities and colleges; Finance—Universities and colleges; Four-quarter plan; Interchange—Students—Universities and colleges; Interchange—Teachers—Universities and colleges; Length of year—Universities and colleges; Orientation courses — Universities and colleges; Presidents—Universities and colleges; Quarter and semester plans; Registrars—Universities and colleges; Reports—Universities and colleges; Rules and regulations—Universities and colleges; Student accounting—Universities and colleges; Student rights—Universities and colleges; Student self-government—Universities and colleges; Student strikes—Universities and colleges; Surveys—Universities and colleges; *also* names of specific institutions with subdivision Administration. N. B. Names of institutions are not included in this List. Insert when needed.

Refer from (s): Universities and colleges—Administration.

Administration of tests. *See* Administration used as a test subdivision *(T)* e.g. Tests and scales—Administration.

Administrators, Educational. *See* Bursars; Business managers; Deans of colleges; Deans of girls; Deans of men; Deans of women; Presidents; Principals; Registrars; Superintendents.

Admission age. *See* Entrance age.

Admission requirements. *See* Entrance requirements.

Adolescence.

See also Adolescence in literature; Dementia precox; Modesty; Physiological age; Sex education; Suicides—Students; Voice, Change of.

Refer from Backward children; Boys; Child hygiene; Child study; Coeducation; Curricula; Emotions; Genetic psychology; Girls; Growth, Physical; Hygiene, School; Mental development; Physical education; Psychology, Educational; Secondary education; Social psychology; (s): Levels of development; Prepubescence; Puberty; Youth.

Adolescence in literature.

Refer from Adolescence; Literature.

Adoption of textbooks. *See* Textbooks—Adoption.

Adrenal glands.
Refer from Emotions; Glands, Ductless.

Adult education. *(G)*
See also Americanization; Back-to-the-school movement; Book clubs; Books and reading; Chautauquas; Choral societies; Church forums; Community-center activities; Community singing; Concerts; Correspondence schools and courses; Evening schools; Expositions and education; Extension education; Freemasons—Educational work; Higher education; Illiteracy; Industrial-arts schools; Insurance companies—Educational work; Knights of Columbus—Educational work; Lectures and lecture courses; Libraries; Lyceums; Moonlight schools; Motion pictures; Museums; Neighborhood schools; Open-forums; Opera, The, and education; Opportunity schools; People's institutes; Radio broadcasting; Reading circles; Self-education; Social settlements—Educational work; Study clubs; Summer camps — Educational work; Summer schools; Sunday schools—Senior departments; Theater, The, and education; Travel as education; Vocational education; Workers' education; Young men's Christian associations — Educational work; Young men's Hebrew associations—Educational work; Young women's Christian associations—Educational work; Young women's Hebrew associations—Educational work.
Refer from Education; Immigrants in the U. S.—Education; Sociology, Educational; State, The, and education; (s): Adult schools.

Adult mental age.
Refer from Mental age; (s): Mental maturity age.

Adult schools. *See* Adult education.

Advanced credits.
Refer from Credits and credit systems—Universities and colleges; (s): College credit for high-school work; Credit for advanced work.

Advancements. *(U)*
(Advancements of money for books, supplies, etc. which are rented or resold to students)
Refer from Finance; Financial accounting.

—Public schools.
Refer from Finance—Public schools; Financial accounting—Public schools.

Adventure schools.
Refer from Private schools.

Advertising. *(S, U)*
Refer from Commercial education.

Advertising, School. *See* Publicity—Public schools.

Advisers and counselors. *See* Student advisers and counselors.

Aesthetic appreciation. *See* Appreciation.

Aesthetic education. *See* Esthetic education.

Aesthetics. *See* Esthetics.

Affection.
(Psychological connotations)
Refer from Emotions; Instincts.

Affects. *See* Emotions.

Affiliated colleges. *(G)*
Refer from Universities and colleges; Universities and colleges (men); Universities and colleges (women)

Afflicted children. *See* Mentally deficient;

Afflicted children—*(Continued)*
Physically handicapped; Unstable children.

After-images.
See also Adaptation, Sensory.
Refer from Senses and sensation; Visual sensations.

After-school classes.
Refer from Backward children—Education; Dull children—Education; Extra hours; Promotions—Students; Punishments and penalties; Re-enforcement classes; Special education; Study programs.

Age.
(Meaning chronological or life age)
See also Anatomical age; Educational age and quotient; Intelligence quotient; Mental age; Physiological age; School age; Sociological age; Subject age, quotient, and ratio.
Refer from Achievement tests; Age-grade-progress; Classification — Students; Corporal punishment; Differential psychology; Individual differences; Intelligence tests; Promotions—Students; Retardation—Students; Student accounting; (s): Age, Chronological; Chronological age; Life age; Proof of age.
—Computation.
(Include tables)
Refer from Attendance—Students—Public schools; Computation tables; (s): Age tables; Determination of age.

Age, Chronological. *See* Age.

Age and grade of students leaving school.
See also Elimination—Students; Graduates.
Refer from (s): Grade of students leaving school.

Age and schooling certificates. *See* Employment certificates.

Age-grade-progress. *(U)*
(Include age-grade data, distributions, studies, and surveys)
See also Acceleration—Students; Age; Demotions—Students; Failures — Students; Promotions—Students.
Refer from Classification—Students; Student accounting; Student progress; (s): Distribution of students; Grade-progress.
—Statistics.

Age-height-weight tables.
Refer from Growth, Physical; Nutrition — Students; Physical examinations; Weight—Students; (s): Height-weight tables.

Age norms.
See also names of specific tests with subdivision Norms, e.g. National intelligence tests—Norms. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Accomplishment ratio; G-scores; Tests and scales—Norms; (s): Age standards.

Age of students. *See* Ages—Students.

Age of teachers. *See* Ages—Teachers.

Age standards. *See* Age norms.

Age tables. *See* Age—Computation.

Agencies, Teachers' employment. *See* Teachers' agencies.

Ages. *(P)*
—Students. *(U)*

Ages—Students—*(Continued)*
Refer from (s): Age of students; Students—Ages.
—Teachers. *(U)*
Refer from (s): Age of teachers; Teachers—Ages.

Agnosia. *See* Aphasia and aphasias.

Agraphia. *See* Aphasia and aphasias.

Agricultural arts. *(G)*
(Non-vocational agricultural education)
See also Agriculture; Nature study.
Refer from Practical-arts education.

Agricultural associations. *See* Agricultural societies.

Agricultural clubs. *(G)*
(Include junior project work)
Refer from Agricultural societies; Boys' clubs; Clubs; Girls' clubs; (s): Agriculture—Clubs.

Agricultural colleges. *(G)*
(Include separate institutions as well as those maintained by universities)
See also Agricultural education—Short courses; Agricultural extension; Farmers' week; Land-grant colleges.
Refer from Universities—Colleges.

Agricultural education. *(G, U)*
See also Dairy schools; Farm schools; Farmers' institutes; Farmers' week; Forestry education; Gardens, School; Greenhouses; Home credits; Home-economics education; Land-grant colleges; Veterinary education; Vocational agriculture; *also* headings beginning with the word Agricultural; *also* names of specific educational acts and bills, e.g. Smith-Hughes act. N. B. Names of acts and bills are not included in this List. Insert when needed.
Refer from Education; Indians in the U. S.—Education; Negroes in the U. S.—Education; Rural education; State supervision of teaching.
—Costs. *(U)*
Refer from Costs and expenditures.
—Curricula.
—Short courses.
Refer from Agricultural colleges; Agricultural extension; Agricultural high schools; Short courses; (s): Agricultural short courses.
—Teacher training. *(G)*
Refer from Teacher training.

Agricultural exhibitions. *(G)*
See also Agriculture—Exhibits.
Refer from Agricultural extension; Exhibitions, Educational; Fairs; Home-economics extension; (s): Agricultural fairs.

Agricultural experiment stations. *(G)*
See also Farmers' institutes; *also* names of special stations. N. B. Names of stations are not included in this List. Insert when needed.
Refer from Agriculture—Research; Experiment stations.

Agricultural extension. *(G)*
See also Agricultural education—Short courses; Agricultural exhibitions; County farm bureaus; Demonstration agents; Demonstration trains; Farm demonstration work; Farmers' institutes; Home-economics education—Short courses; Lectures and lecture courses; Movable schools; *also* names of specific educational acts and bills, e.g. Smith-Lever act. N. B. Names of acts and bills are not included in this List. Insert when needed.

Agricultural extension—*(Continued)*
Refer from Agricultural colleges; Agricultural high schools; Extension education; University extension; (s): Extension work, Agricultural.

Agricultural fairs. *See* Agricultural exhibitions.

Agricultural fraternities. *See* Agricultural societies.

Agricultural high schools. *(G)*
See also Agricultural education—Short courses; Agricultural extension; *also* names of special schools. N. B. Names of schools are not included in this List. Insert when needed.
Refer from High schools; (s): County agricultural schools.

Agricultural libraries. *(G)*
Refer from Libraries.

Agricultural research. *See* Agriculture—Research.

Agricultural short courses. *See* Agricultural education—Short courses.

Agricultural societies. *(G)*
(Include granges, etc.)
See also Agricultural clubs.
Refer from (s): Agricultural associations; Agricultural fraternities; Societies.

Agricultural surveys. *(G)*
(Include forms used)
Refer from Surveys; Vocational agriculture—Teaching—Methods and technique.

Agriculture. *(S, U)*
(A non-vocational school subject)
Refer from Agricultural arts; Natural sciences.
—Clubs. *See* Agricultural clubs.
—Exhibits.
Refer from Agricultural exhibitions.
—Research. *(G)*
See also Agricultural experiment stations.
Refer from (s): Agricultural research.

Agriculture, Vocational. *See* Vocational agriculture.

Agriculture teachers. *(G, U)*
Refer from Special teachers; Teachers.

Agronomy. *(S, U)*
See also Soils.
Refer from Vocational agriculture; (s): Plant husbandry.

Aid—Public schools. *See* Appropriations—Public schools.

Aids in teaching. *See* Teaching—Aids and devices; *also* Teaching—Aids and devices used as a school-subject subdivision *(S)* e.g. Spelling—Teaching—Aids and devices.

Aims of education. *See* Education—Aims and objectives; *also* Aims and objectives used as a school-subject subdivision *(S)* e.g. Arithmetic—Aims and objectives; *also* Aims and objectives used as a subdivision under types of education, e.g. Special education—Aims and objectives.

Air filtration.
Refer from Air of classroom; Ventilation—School buildings.

Air of classroom.
See also Air filtration; Dust (classroom); Floor space per student; Heating—School buildings; Heating standards; Humidity; Ventilation—School buildings.
Refer from Efficiency; Hygiene of instruc-

Air of classroom—*(Continued)*
tion; (s): Classrooms, Cleanliness of.

Alcohol and alcoholism.
(Include extent of use; also physiological and psychological effects)
See also Ataxia; Delirium; Hallucination; Intoxication.
Refer from Efficiency; Epilepsy; Hygiene, Personal; Insanity and insanities; Juvenile delinquency; Retardation, Mental; Stimulants; Temperance instruction.

Alcott system. *See* Classroom management; *also* Alcott, Amos Bronson—Educational theories and methods. N. B. Names of persons are not included in this List. Insert when needed.

Alexia. *See* Aphasia and aphasias.

Algebra. *(S, U)*
Refer from Analytic geometry; Mathematics.

Alien priories.
Refer from Education—England—Medieval period; Schools.

Aliens—Education. *See* Immigrants in the U. S.—Education.

All or none principle.
(The principle of non-compromise)
Refer from Administration; Curricula.

All-year schools. *(G)*
See also Four-quarter plan; Vacation schools.
Refer from Administration — Public schools; Extension education; Length of year—Public schools; (s): Continuous sessions—Public schools; Year-round schools.

Allocheiria. *See* Allochiria.

Allochiria.
Refer from Hysteria; Nervous system—Diseases; Senses and sensation; (s): Allocheiria.

Allowances for expenses. *See* Traveling expenses.

Almonry schools.
See also Choristers' schools.
Refer from Abbey schools; Education—England—Medieval period; Schools.

Alphabet. *(S)*

Alphabet wheels.
Refer from Alphabetic method; Reading—Teaching—Aids and devices.

Alphabetic method.
See also Alphabet wheels.
Refer from Phonic method; Reading—Teaching — Methods and technique; (s): A-B-C method; Letter method.

Alphabetic spelling. *See* Spelling.

Alphabetizing. *(S)*
Refer from Card catalogs; Library training.

Alterations—School buildings.
(Include costs)
Refer from Architecture, School; Buildings—Costs—Public schools; Capital outlay—Public schools; (s): Remodeling—School buildings.

Alternate response tests.
Refer from Psychological tests.

Alternating plan. *See* Platoon plan.

Altruism and egoism.
Refer from Education—Aims and objectives; Ethics; Sociology, Educational.

Alumnae associations. *(U)*
See also Graduates (women)

Alumnae associations—*(Continued)*
Refer from Alumni associations; Associations.

Alumni. *(U)*
(As opposed to graduates, emphasis is placed on the personal affection for an institution)
See also Graduates.
Refer from Loyalty—Students; Social functions and activities.

—High schools.
Refer from High schools.

—Universities and colleges.
Refer from Athletics—Universities and colleges; Universities and colleges.

Alumni associations. *(U)*
See also Alumnae associations.
Refer from Associations.

Amateur journalism. *See* Journalism; Student publications.

Amateur theatricals. *See* Dramatics.

Amateurism (athletics)
Refer from Athletics—Universities and colleges.

Amaurotic family idiocy.
Refer from Idiots and idiocy; (s): Infantile cerebral degeneration.

Ambidexterity.
(The use of both hands with equal ease)
See also Left- and right-handedness.
Refer from Vasomotor processes; (s): Handedness.

Amentia. *See* Mentally deficient.

American colleges. *See* Universities and colleges—U. S.

American education week.
Refer from Special weeks; (s): Education week; National education week.

American history. *See* United States—History.

American Indians—Education. *See* Indians in the U. S.—Education.

American literature. *(S, U)*
Refer from English literature.

American students in foreign countries.
See also Interchange—Students—Universities and colleges; Scholarships and fellowships; Student tours.
Refer from Students—Universities and colleges.

Americanization.
(Include classes and schools)
See also Citizenship education; English language for foreigners; Evening schools; Social sciences; Visiting teachers.
Refer from Adult education; Community and schools; Community-center activities—Public schools; Democracy and education; Extension education; Immigrants in the U. S.—Education; (s): Foreigners in the U. S.—Education.

—Teacher training.
Refer from Teacher training.

Amnesia.
See also Astasia-abasia; Dissociation.
Refer from Attention; Delirium; Epilepsy; Forgetting; Hysteria; Memory.

Amount tests. *See* Rate tests.

Amusements. *See* Recreation.

Amusia. *See* Aphasia and aphasias.

Anaemia. *See* Anemia.

Anaesthesia. *See* Anesthesia and anesthesias.

Analgesia. *See* Anesthesia and anesthesias.

Analogies tests.
(Type of test or examination)
Refer from Tests—Types.

Analogy.
(Psychological and logical connotations)
Refer from Learning; Logic; Reason and reasoning.

Analysis (recitation) *See* Preparation (recitation)

Analysis, Mathematical.
Refer from Analytic geometry; Calculus.

Analysis and synthesis.
See also Abstraction; Analytic method; Concentration; Discrimination.
Refer from Correlation of school subjects; Deduction; Development method; Gestalt psychology; Induction; Learning; Logic; Number, Psychology of; Reading—Psychology; Reason and reasoning; Structural psychology; Teaching—Methods and technique; (s): Synthesis.

Analytic chemistry. *(S, U)*
Refer from Chemistry; (s): Chemistry, Analytic; Qualitative chemistry; Quantitative chemistry.

Analytic geometry. *(S, U)*
See also Algebra; Analysis, Mathematical; Calculus.
Refer from Geometry; Mathematics.

Analytic method.
See also Phrase method; Sentence method; Word method.
Refer from Analysis and synthesis; Handwriting—Teaching—Methods and technique; Modern languages—Teaching—Methods and technique; Reading—Teaching—Methods and technique; Word recognition.

Analytic psychology. *See* Structural psychology.

Anarthria. *See* Aphasia and aphasias; Speech defects.

Anatomical age.
(Determined by skeletal development)
Refer from Age; Growth, Physical; (s): Physical age.

Anatomy. *(S, U)*
Refer from Academic method; Biology; Botany; Hygiene; Nervous system; Physiology, Human; Somatology; Zoology.

Ancestry. *See* Heredity.

Ancient history. *(S, U)*
Refer from History; (s): History, Ancient.
—Required reading.

Ancient languages.
See also Greek language; Hebrew language; Latin language; Oriental languages.
Refer from (s): Languages, Ancient.

Anemia.
Refer from (s): Anaemia.

Anemic children.
See also Lunches, School; Milk service—Public schools.
Refer from Children; Physically handicapped.
—Education. *(G)*
See also Health play schools; Nutrition classes; Open-air schools.
Refer from Special education.

Anesthesia and anesthesias.
See also Hypesthesia.
Refer from Cutaneous sensations; Hys-

Anesthesia and anesthesias—*(Continued)*
teria; Mesmerism; Nervous system—Diseases; Pain; Senses and sensation; (s): Analgesia; Anesthesia; Hypalgesia; Hypoalgesia.

Anger.
Refer from Emotions; Instincts.

Anglo-Saxon language. *(S, U)*
Refer from English language.

Anglo-Saxon schools.
Refer from Education—England—Anglo-Saxon period; Schools.

Animal behavior.
Refer from Animal intelligence; Animal psychology; Behavior; Gestalt psychology; Reaction psychology; (s): Animals—Habits and behavior.

Animal husbandry. *(S, U)*
(Include farm animals; also, if preferred, dairying and poultry)
See also Dairying; Poultry husbandry; Vivariums.
Refer from Veterinary education; Vocational agriculture; (s): Live-stock production.

—Laboratory work.

Animal intelligence.
See also Animal behavior; Instincts.
Refer from Animal psychology; Purposive psychology; (s): Intelligence of animals.

Animal magnetism. *See* Hypnosis.

Animal physiology. *(S, U)*
See also Physiology, Human.
Refer from Physiology.

Animal psychology. *(S, U)*
See also Accommodation; Acquired characteristics; Adaptation; Animal behavior; Animal intelligence; Contractility; Docility; Generic image; Imitation; Instincts; Irritability; Learning; Objective method; Plasticity; Play; Puzzles, Psychological; Simulation; Stimulus and response; Trial and error method.
Refer from Behaviorism; Comparative psychology; Genetic psychology; Gestalt psychology; Psychology; (s): Psychology, Animal.

Animals—Habits and behavior. *See* Animal behavior.

Animals, Treatment of. *See* Humane education.

Anniversary celebrations. *See* Special days.

Annoying and satisfying states of affairs. *See* Satisfiers and annoyers.

Annual reports. *See* Reports.

Annuals, Student. *See* Student annuals.

Anthropology. *(S, U)*
See also Anthropometry; Archaeology; Biology; Craniometry; Ethnology; Eugenics; Folklore; Philology; Recapitulation theory; Somatology.
Refer from Child hygiene; History; Psychology; Psychology, Educational; Social psychology; Sociology.

—Correlation with other subjects.
See also Geography; History; Literature.

Anthropometry.
See also Craniometry; Growth, Physical.
Refer from Anthropology; Somatology; (s): Children, Measurements of; Human measurements; Physical measurements.

Anthroponomy. *See* Behaviorism.

Antioch college plan.
Refer from Cooperative education.

Antitoxins. *See* Toxins and antitoxins.

Aphasia and aphasias.
(Sensory and motor; functional and organic)
See also Aphonia.
Refer from Memory; Movement disorders; Nervous system — Diseases; Neurotic children; Reactions; Speech defects; (s): Agnosia; Agraphia; Alexia; Amusia; Anarthria; Aphemia; Aphrasia; Apraxia; Asemia; Asymbolia; Motor aphasia; Paraphasia; Sensory aphasia; Word blindness; Word deafness.

Aphemia. *See* Aphasia and aphasias.

Aphonia.
Refer from Aphasia and aphasias; Movement disorders; Speech defects.

Aphrasia. *See* Aphasia and aphasias.

Apparatus. *(U)*
See also Apparatus, Scientific.
Refer from Equipment; Furniture.
—Physical education.
Refer from Athletic fields; Gymnasiums—Equipment; Physical education; Playgrounds—Equipment.
—Public schools.
See also Aural aids; Blackboards; Bulletin boards; Charts; Corkboards; Drawing instruments; Globes; Maps and atlases; Slates; Visual aids; *also* Teaching—Aids and devices used as a school-subject subdivision *(S)* e.g. Arithmetic—Teaching—Aids and devices.
Refer from Equipment—Public schools; Furniture—Public schools; Object teaching; Teaching—Aids and devices.

Apparatus, Scientific.
See also Laboratories—Equipment and supplies; Psychological apparatus; *also* names of specific laboratories with subdivision Equipment and supplies, e.g. Botanical laboratories—Equipment and supplies.
Refer from Apparatus; (s): Scientific apparatus.

Apparatus work. *(S, U)*
(Include parallel bars, vaulting and horizontal bars, ladders, chest weights, etc.)
Refer from Gymnastics; Physical education.

Apperception.
See also Application (recitation); Assimilation; Association; Percepts and perception; Senses and sensation.
Refer from Correlation of school subjects; Faculty psychology; Intelligence; Knowledge; Learning; Recapitulation theory; Teaching—Theories and principles.

Application (recitation)
(Fixation of knowledge by action, expression, or practice; fifth step in the method of the recitation)
Refer from Apperception; Reason and reasoning; Recitation, Method of; Self-activity.

Applications for positions. *(U)*
See also Interviews and conferences.
Refer from Business record systems; Teachers—Selection and appointment.

Applied art. *See* Arts and crafts; Manual arts.

Applied design. *(S, U)*
Refer from Industrial education.

Applied psychology. *(S, U)*
See also Clinical psychology; Ethnopsy-

Applied psychology—*(Continued)*
chology; Industrial psychology; Intelligence tests; Psychology, Educational; Publicity; Social psychology.
Refer from Psychology.

Appointment—Teachers. *See* Teachers — Selection and appointment.

Appointment bureaus. *(U)*
(Include all placement service for teachers conducted by educational institutions or associations even though this service is not organized in a bureau)
Refer from Teacher placement; (s): Employment bureaus—Teachers; Teacher bureaus.

—Normal schools and teachers colleges.
Refer from (s): Normal schools and teachers colleges—Appointment bureaus.

—State boards of education.
See also Registration—Teachers.
Refer from State boards of education.

—Teachers' associations.
Refer from Teachers' associations.

—Universities and colleges.
Refer from Personnel service—Universities and colleges; (s): Universities and colleges—Appointment bureaus.

Apportionment of school funds. *(G)*
(Include the different bases of apportionment, e.g. taxes-where-paid, taxable-property, average-daily-attendance, total-population, school-population, enrollment, teacher-employment, etc.)
See also Attendance—Students—Public schools; Census, School.
Refer from Appropriations — Public schools; County appropriations for education; Finance—Public schools; State appropriations for education; (s): Distribution of school funds.

Appraisal—Buildings. *(U)*
See also Buildings—Costs; Depreciation—Buildings.
Refer from Appraisal—Plants; Buildings; (s): Buildings—Evaluation; Buildings — Valuation; Evaluation — Buildings; Valuation—Buildings.

Appraisal—Equipment. *(U)*
See also Depreciation—Equipment.
Refer from Appraisal—Plants; Equipment.

Appraisal—Grounds. *(U)*
See also Depreciation—Grounds.
Refer from Appraisal—Plants; Grounds.

Appraisal—Plants. *(U)*
See also Appraisal—Buildings; Appraisal—Equipment; Appraisal — Grounds; Depreciation—Plants.
Refer from Assets; Plants; (s): Evaluation—Plants; Plants—Valuation; Property—Valuation; Valuation—Plants.

Appreciation.
(Due cognition of worth; philosophical connotations)
See also Art—Appreciation and interpretation; Literature—Appreciation and interpretation; Music—Appreciation and interpretation; Nature — Appreciation; Poetry—Appreciation and interpretation.
Refer from Art in education; Character education; Esthetics; Teaching—Types; (s): Aesthetic appreciation; Esthetic appreciation.

Apprehension. *See* Percepts and perception.

Apprentice teachers. *(G)*
(Students of the teaching process who begin their practice as assistants in the regular school system under supervision)

Apprentice teachers—*(Continued)*
Refer from Supervision of teaching; Teachers; (s): Cadet teachers.

Apprentices—Education. *(G)*
See also Evening schools; Factory schools; Plant schools.
Refer from Cooperative education; Education—Europe—Medieval period; Gilds, Medieval—Educational work; Industrial education; Library training; Part-time education; Pharmaceutical education.

Approbation as incentive. *See* Incentives.

Appropriations. *(U)*
(General, specific, and emergency)
—Normal schools and teachers colleges.
See also State appropriations for education.
Refer from Finance—Normal schools and teachers colleges.
—Public schools.
See also Apportionment of school funds; County appropriations for education; National appropriations for education; Permanent funds—Public schools; Salaries—Teachers—Public schools; State appropriations for education.
Refer from Finance—City schools; Finance—Public schools; Finance—Rural schools; Income and receipts—Public schools; Revenues—Public schools; (s): Aid—Public schools.
—Universities and colleges.
See also State appropriations for education.
Refer from Finance—Universities and colleges; Revenues—Universities and colleges.

Apraxia. *See* Aphasia and aphasias.

Aptitude tests. *(T)*
See also Mechanical aptitude tests.
Refer from Mental tests; Personality tests; Prognosis tests; Special abilities; Tests and scales; Vocational tests; (s): Ability tests; Talent tests.

Aptitudes. *See* Special abilities.

Aquariums. *(U)*
—Public schools.
Refer from Nature study; Science—Junior high schools; Teaching—Aids and devices; Zoology.

Arbor day.
(Include exercises and celebrations)
See also Tree planting—Public schools.
Refer from Landscape gardening; Special days.

Archaeology. *(S, U)*
See also Architecture; Art; Ethnology.
Refer from Anthropology; Art education; History; Philology; Social sciences.

Archery.
Refer from Athletics.

Architects. *(U)*
—Public schools.
Refer from Architecture, School; Building departments—Public schools.

Architectural acoustics. *See* Acoustics, Architectural.

Architectural education. *(G)*
See also Architectural schools and academies; Architecture.
Refer from Art education; Education; Professional education.

Architectural schools and academies. *(G)*
(Include those maintained by universities)
Refer from Architectural education; Art schools.

Architecture. *(S, U)*
See also Acoustics, Architectural; Composition (art); Drafting; Drawing.
Refer from Archaeology; Architectural education; Art.
—Designs and plans. *See* Building designs and plans.

Architecture, College. *(G)*
Refer from Buildings—Universities and colleges.

Architecture, School. *(G)*
See also Alterations — School buildings; Architects — Public schools; Attics — School buildings; Auditoriums—Public schools; Basements—School buildings; Baths, School; Blackboards; Buildings—Construction—Public schools; Buildings—Public schools; Buildings—Types — Public schools; Cafeterias — Public schools; Class-size; Classrooms; Cloakrooms—School buildings; Color of walls; Custodial service rooms—Public schools; Doors—School buildings; Engineers—Public schools; Fire protection—School buildings; Floor space per student; Floors—School buildings; Gymnasiums—Public schools; Health service rooms—Public schools; Heating — School buildings; Kindergarten rooms; Laboratories—Public schools; Lecture rooms — Public schools; Libraries — Public schools; Lighting — School buildings; Lockers—Public schools; Lunch rooms — Public schools; Museums — Public schools; Offices—Public schools; Playrooms—Public schools; Portable buildings—Public schools; Power plants—Public schools; Programs of studies—Public schools; Repairs and replacements — Buildings — Public schools; Rest rooms—Public schools; Roofs—School buildings; Room schedules — Public schools; Service systems — School buildings; Shops—Public schools; Stairways and corridors—School buildings; Study halls — Public schools; Swimming pools — Public schools; Teacherages; Teachers' rooms—Public schools; Toilet facilities—School buildings; Ventilation — School buildings; *also* headings beginning with the word Building.
Refer from Administration — Public schools; Building departments—Public schools; Hygiene, School; (s): Schoolhouses.

Argumentation. *See* Debates and debating.

Aristocrats—Education. *(G)*
See also Gentry and nobles—Education; Princes—Education.

Arithmetic. *(S, U)*
See also Addition; Consumers' arithmetic; Division; Fractions; Mental arithmetic; Multiplication; Number combinations; Number work; Problem solving (mathematics); Speed; Subtraction.
Refer from Fundamentals; Mathematics; Quadrivium; Three R's; (s): Mensuration.
—Achievements—Students. *(U)*
—Aims and objectives.
—Ascertainment.
—Correlation with other subjects.
—Drill.
—Experimental work. *See* Arithmetic—Research.
—Grammar grades.
—History.

Arithmetic—*(Continued)*
—Hygiene.
(Include age to begin study)
—Lesson plans.
—Practice materials.
—Problem solving. *See* Problem solving (mathematics)
—Problems, exercises, etc.
—Psychology.
—Reading.
—Remedial instruction.
Refer from (s): Arithmetic, Remedial.
—Research.
Refer from (s): Arithmetic—Experimental work; Arithmetic—Studies, investigations, etc.
—Seatwork.
—Sixth grades.
—Studies, investigations, etc. *See* Arithmetic—Research.
—Study.
—Supervised study.
—Teacher training.
—Teachers' manuals.
—Teaching. *(G)*
—Aids and devices.
See also Abacus; Flash cards; Graphic methods; Visual aids.
—Methods and technique.
See also Concert recitation; Eclectic method; Incidental method; Laboratory method; Spiral method.
—Tests and scales.
See also names of specific arithmetic tests and scales, e.g. Wisconsin inventory tests in arithmetic. N. B. Names of tests are not included in this List. Insert when needed.
—Textbooks.
—History.
—Time allotments.
—Value.

Arithmetic, Business. *See* Commercial arithmetic.

Arithmetic, Commercial. *See* Commercial arithmetic.

Arithmetic, Mechanical. *See* Mechanical calculation.

Arithmetic, Mental. *See* Mental arithmetic.

Arithmetic, Oral. *See* Mental arithmetic.

Arithmetic, Remedial. *See* Arithmetic—Remedial instruction.

Arithmetic mean. *See* Mean.

Arithmetical age, quotient, and ratio.
Refer from Subject age, quotient, and ratio.

Arm-movement method.
Refer from Handwriting — Hygiene; Handwriting—Teaching—Methods and technique.

Armistice day.
(Include exercises and celebrations)
Refer from Special days.

Army schools. *(G)*
(Schools for general education, not for military education)
Refer from Schools; Soldiers—Education, Non-military.

Army training. *See* Military education.

Arrested development. *See* Mentally deficient; Retardation, Mental.

Art. *(S, U)*
See also Architecture; Drawing; Painting; Photography; Sculpture.
Refer from Archaeology; Art education; (s): Arts, Fine; Fine arts.

Art—*(Continued)*

—Appreciation and interpretation. *(S)*
See also Picture study; Structural method.
Refer from Appreciation; Art education; Drawing; Painting.

—Clubs.
Refer from (s): Art clubs.

—Exhibitions. *(G)*
See also Picture collections.
Refer from Art—Galleries and museums; Traveling educational exhibits.

—Galleries and museums. *(G)*
See also Art—Exhibitions.
Refer from Esthetic education; Museums; Sociology, Educational; (s): Art museums; Galleries.

—Public schools.

—Teaching—Methods and technique.
See also Academic method; Structural method.

Art, Applied. *See* Arts and crafts; Manual arts.

Art, Commercial. *See* Commercial art.

Art, Decorative. *See* Design.

Art clubs. *See* Art—Clubs.

Art education. *(G)*
See also Archaeology; Architectural education; Art; Art—Appreciation and interpretation; Art memory contests; Art schools; Arts and crafts; Batik; Children's art; Clay-modeling; Color work; Commercial art; Composition (art); Costume design; Decorations, School; Design; Drawing; Esthetics; House furnishing and decoration; Industrial arts; Landscape gardening; Lettering; Linoleum block; Manual arts; Painting; Plastic art; Stenciling; Vacation colonies; Wood-block printing; Wood-working.
Refer from Education; Esthetic education.

—Costs. *(U)*
Refer from Costs and expenditures.

—Teacher training. *(G)*
Refer from Teacher training.

Art in education.
See also Appreciation.

Art in the classroom. *See* Decorations, School.

Art memory contests.
Refer from Art education; Contests.

Art metal work. *See* Metal work.

Art museums. *See* Art—Galleries and museums.

Art rooms.
Refer from (s): Studios.

Art schools. *(G)*
(Include schools of fine arts and design; also departments in universities, colleges, and teachers colleges)
See also Architectural schools and academies.
Refer from Art education; Private schools; Schools; Universities and colleges—Departments.

—Europe.
Refer from Academies.

Art supervisors.
Refer from Special supervisors—Public schools; Supervisors—Public schools.

Art teachers. *(G)*
Refer from Special teachers; Teachers.

Articular sensations. *See* Kinesthetic sensations.

Articulation. *(U)*
—High schools.
Refer from (s): High schools—Articulation.
—Universities and colleges.
Refer from (s): Universities and colleges—Articulation.
—Universities and colleges and high schools.
See also Accredited high schools.

Artificial lighting systems—School buildings. *See* Lighting, Artificial—School buildings.

Artistic ability.
Refer from Ability.

Arts, Fine. *See* Art.

Arts, Industrial. *See* Industrial arts.

Arts and crafts. *(S)*
(Secondary school subject, non-vocational; advanced manual-arts work)
See also Basketry; Batik; Bookbinding; Clay-modeling; Construction work; Design; Drawing; Handwork; Jewelry; Leather work; Metal work; Needle work; Plastic art; Pottery; Reed and raffia work; Weaving.
Refer from Art education; Industrial arts; Practical-arts education; (s): Applied art; Art, Applied; Crafts; Handicrafts.

Asemia. *See* Aphasia and aphasias.

Ash disposal—Public schools. *See* Garbage and ash disposal—Public schools.

Assemblies. *(U)*
Refer from Citizenship education; Convocations.
—Elementary schools.
(Include programs)
See also Devotional exercises—Public schools; Friday afternoon exercises; Opening exercises.
Refer from Auditorium activities; Extra-curricular activities — Elementary schools.
—High schools.

Assembly rooms. *See* Auditoriums—Public schools.

Assertiveness. *See* Self-assertion.

Assets. *(U)*
See also Appraisal—Plants; Income and receipts; Sinking funds; Supplies; Textbooks.
Refer from Finance; Financial accounting.

Assignment—Teachers. *See* Teachers — Assignment and transfer.

Assignments, Lesson. *(U)*
Refer from Courses of study; Individual differences — Adjustments; Learning; Lesson plans; Motivation in education; Recitation, Method of; Recitations; Study; Teaching—Methods and technique; Teaching—Types; (s): Lesson assignments.

Assimilation.
See also Association.
Refer from Apperception; Learning; Memory; Percepts and perception.

Assistant principals. *(U)*
Refer from Principals.
—Elementary schools.
—High schools.

Assistant superintendents—Public schools.
Refer from Superintendents — Public schools; (s): Deputy superintendents.

Assistant teachers. *(U)*
Refer from Teachers; (s): Helping teachers.
—Public schools.

Association.
(Psychological and philosophical connotations; include its laws)
See also Association tests; Astereognosis; Dissociation.
Refer from Apperception; Assimilation; Deductive method; Dreams and dream states; Drill; Dynamic psychology; Gestalt psychology; Ideas and ideation; Imagination; Learning; Memory; Nervous system; Percepts and perception; Psychoanalysis; Reactions; Reason and reasoning; Recollection; Structural psychology; Study; Teaching—Types.

Association (recitation) *See* Comparison and abstraction (recitation)

Association football. *See* Soccer.

Association tests.
See also names of specific tests, e.g. Kent-Rosanoff association test. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Association; Clinical psychology; Psychological tests.

Associations. *(U)*
See also Alumnae associations; Alumni associations; Associations, Educational; Athletic associations; Character education—Organizations; Clubs; Learned societies; Student organizations and societies.
Refer from (s): Organizations; Societies.
—Universities and colleges.
See also names of specific associations. N. B. Names of associations are not included in this List. Insert when needed.
Refer from (s): College associations; College societies; Universities and colleges—Associations.

Associations, Educational. *(G)*
See also Conferences and conventions, Educational; Journalism, Educational; Kindergarten associations; Parent-teacher associations; Teachers' associations; *also* names of associations, e.g. National education association. N.B. Names of associations are not included in this List. Insert when needed.
Refer from Associations; Professional growth (education); (s): Educational associations.

Astasia-abasia.
Refer from Amnesia; Movement disorders.

Astereognosis.
Refer from Association; Senses and sensation.

Astigmatism.
Refer from Eye—Diseases and defects.

Astronomy. *(S, U)*
See also Mathematics; Observatories, Astronomical; Physics.
Refer from Natural sciences; Quadrivium.
—Teaching.
—Aids and devices.
See also Visual aids.
—Methods and technique.
See also Laboratory method; Object teaching; Textbook method.

Asylums for the mentally deficient. *See* Mentally deficient—Schools and institutions.

Asymbolia. *See* Aphasia and aphasias.

Atavism.
Refer from Heredity; (s): Reversion.

Ataxia.
Refer from Alcohol and alcoholism; Coordination; Movement disorders; Nervous system—Diseases.

Athletic associations. *(G, U)*
(Include various types of athletic organizations)
See also State athletic associations.
Refer from Associations.

Athletic clubs. *(G)*
Refer from Clubs.

Athletic directors. *See* Coaches and coaching (athletics); Physical directors and teachers.

Athletic fields. *(U)*
(Include size, location, surface, preparation, layout, diagraming, marking, upkeep, etc.)
See also Apparatus—Physical education; Baseball; Basket ball; Cricket; Field hockey; Football; Lacrosse; Playgrounds; Soccer; Tennis; Track and field athletics; Volley ball.
Refer from Athletics; Building sites; Grounds.
—Public schools.
Refer from Building sites—Public schools.

Athletic honors. *(U)*
Refer from Athletics; Honors.
—Public schools.
Refer from (s): School letters.

Athletic sports. *See* Athletics.

Athletic training. *(G)*
(Comprising coaching, medical supervision, and training table)
Refer from Athletics; Coaches and coaching (athletics)

Athletics. *(G, U)*
See also Archery; Athletic fields; Athletic honors; Athletic training; Baseball; Basket ball; Bathing facilities; Boxing; Coaches and coaching (athletics); Cricket; Field hockey; Football; Golf; Gymnasiums; Ice hockey; Lacrosse; Olympic games; Rowing; Soccer; Swimming; Tennis; Tournaments; Track and field athletics; Volley ball; Water polo; Wrestling.
Refer from Character education; Community-center activities; Contests; Continuous publicity; Exercise; Extra-curricular activities; Games; Physical education; Recreation—Students; Student life; (s): Athletic sports; Sports.
—Administration. *(U)*
—Elementary schools.
See also names of athletic tests, e.g. Athletic badge test. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Elementary schools.
—Eligibility rules. *(U)*
Refer from (s): Eligibility rules (athletics)
—Evils. *(U)*
Refer from (s): Evils (athletics)
—High schools.
Refer from Secondary education; (s): High-school athletics.
—Junior high schools.
—Public schools.
See also Bathing facilities—School buildings.
—Universities and colleges.
See also Alumni—Universities and colleges; Amateurism (athletics); Stadia—Universities and colleges.
Refer from Universities and colleges; (s): College athletics; College sports.
—Value. *(U)*
Refer from (s): Value of athletics.

Athletics, Intercollegiate.
Refer from Contests—Universities and colleges; Excursions—Universities and colleges; (s): Intercollegiate athletics.

Athletics, Interscholastic.
Refer from Contests—Public schools; (s): Interscholastic athletics.

Athletics, Intramural. *(U)*
Refer from Contests—Public schools; Contests — Universities and colleges; (s): Intramural athletics.

Athletics for girls. *(G, U)*
(Elementary and junior high schools; consult athletics for appropriate subdivisions)
Refer from Girls; Physical education for girls.

Athletics for women. *(G, U)*
(High school and college; consult athletics for appropriate subdivisions)
Refer from Physical education for women.

Atlases. *See* Maps and atlases.

Atomism. *See* Materialism.

Attainment tests. *See* Achievement tests.

Attainments, Educational. *See* Achievements —Students.

Attendance. *(P)*
—Students. *(U)*
See also Absences—Students; Expulsions and dismissals—Students; Health—Students; Individual differences; Registration — Students; Student cooperation and service; Suspensions and reinstatements—Students; Transfers—Students.
Refer from Elimination—Students; Enrollment—Students; Promotions—Students; Reports; Retardation—Students; Sociology, Educational; Student accounting; Student progress; (s): Temporary lefts.

—Public schools.
See also Absences—Students—Public schools; Age—Computation; Building sites—Public schools; Census, School; Child labor and education; Compulsory education; Continuation schools; School age; Textbooks, Free; Truants and truancy; Visiting teachers.
Refer from Apportionment of school funds; Attendance departments — Public schools; Building programs—Public schools; Classroom management; Reports—Public schools; Student cooperation and service—Public schools.

—Universities and colleges.
Refer from Enrollment — Students — Universities and colleges; (s): Universities and colleges—Attendance.

—Teachers. *(U)*
Refer from Teacher accounting.

Attendance, Compulsory. *See* Compulsory education.

Attendance bureaus. *See* Attendance departments—Public schools.

Attendance departments—Public schools. *(G)*
(Include bureaus; also the activities, organization, and personnel of the department)
See also Absences — Students — Public schools; Attendance—Students—Public schools; Attendance officers — Public schools; Delinquent children; Disciplinary classes; Employment certificates; Parental schools; Parochial schools; Private schools; Student accounting—Public schools; Truants and truancy; Ungraded rooms; Visiting teachers.
Refer from Administration—City schools; (s): Attendance bureaus; Bureaus of attendance.

Attendance officers—Public schools.
Refer from Attendance departments—Public schools; (s): Truancy officers.

Attendance record systems. *(U)*
(Include forms used)
Refer from Student accounting—Record systems; (s): Registers.

Attendance reporting systems. *(U)*
(Include forms used)
Refer from Student accounting—Reporting systems.

Attendance reports. *(U)*
Refer from Student accounting—Reports.

Attention.
(Immediate and derived; free and forced)
See also Abstraction; Abulia; Amnesia; Attitudes; Concentration; Contrast; Control; Curiosity; Fatigue, Mental; Fixation; Incentives; Inhibition; Interest; Lapses; Motives; Obsessions.
Refer from Child psychology; Conflict; Consciousness; Habit; Improvability; Insanity and insanities; Learning; Mania and manias; Memory; Mental discipline; Objective method; Observation; Paranoia; Percepts and perception; Psychology; Psychology, Educational; Questioning, Art of; Recollection; Structural psychology; Study; Thought and thinking; Will; (s): Absent-mindedness; Distraction; Inattention; Indifference; Voluntary attention.

Attics—School buildings.
Refer from Architecture, School; Ventilation—School buildings.

Attitudes.
See also Emotional expression; Feelings.
Refer from Attention; Learning; Psychology; Self; Social psychology.

Atypical children.
(Include both the mental and the physical characteristics of children who are not normal)
See also Backward children; Case studies; Dull children; Mentally deficient; Mentally superior; Pathological method; Physically handicapped; Unstable children; Wildings.
Refer from Child study; Children; Clinical psychology; Individual differences; (s): Abnormal children; Children, Abnormal and backward; Exceptional children.
—Education. *See* Special education.

Audition. *See* Auditory perception.

Auditorium activities.
See also Assemblies—Elementary schools.
Refer from Auditoriums—Public schools; Platoon plan; (s): Exercises (programs)

Auditoriums. *(U)*
See also Acoustics, Architectural.
—Equipment.
—Public schools.
(Include construction, location, size, etc.; also stage, dressing rooms, etc.)
See also Auditorium activities; Community-center activities — Public schools; Decorations, School.
Refer from Architecture, School; (s): Assembly rooms.

Auditors.
Refer from Special students—Universities and colleges.

Auditory aids. *See* Aural aids.

Auditory discrimination.
Refer from Auditory sensations; Discrimination; Musical ability; Psychological tests; Tones.

Auditory imagery. *See* Ear mindedness.

Auditory perception.
(Include the importance of hearing in education)
See also Acoustics; Auditory sensations; Binaural hearing; Synesthesia.
Refer from Deafness; Ear; Percepts and perception; (s): Audition; Hearing.

Auditory sensations.
See also Auditory discrimination; Tones.
Refer from Acoustics; Auditory perception; Senses and sensation.

Auditory tests.
Refer from Ear—Examinations; Physical tests; (s): Hearing tests.

Aural aids.
See also Musical instruments; Musical instruments, Mechanical; Phonographs and victrolas; Radio broadcasting.
Refer from Apparatus—Public schools; Modern languages — Teaching — Aids and devices; Musical education; Physical education; (s): Auditory aids.

Authorship of textbooks. *See* Textbooks — Authorship.

Automatic movements.
See also Reflexes; Respiration.
Refer from Behavior; Habit; Motor processes; Will; (s): Involuntary actions.

Automatism.
See also Somnambulism.
Refer from Behavior; Motor processes.

Automaton theory.
Refer from Education — Theories and principles; Habit; Mind and body; Reflexes; Will.

Automechanics. *(S, U)*
Refer from Automotive education; Industrial education.

Automobile schools and courses. *(G)*
Refer from Automotive education; Automotive trade schools; Schools.

Automobiles. *(P)*
—Students. *(U)*
—Universities and colleges.
Refer from Administration—Universities and colleges; Student life—Universities and colleges.
—Teachers. *(U)*

Automotive education. *(G)*
See also Automechanics; Automobile schools and courses; Automotive trade schools.
Refer from Education; Industrial education.

Automotive trade schools.
See also Automobile schools and courses.
Refer from Automotive education; Schools.

Autonomic nervous system.
(Include cranial, sacral, and sympathetic divisions)
See also Glands, Ductless; Muscles.
Refer from Emotions; Nervous system; (s): Sympathetic system.

Autosuggestion.
Refer from Suggestion.

Auxiliary activities. *See* Extra-curricular activities.

Auxiliary classes and schools. *See* Special education.

Average. *See* Mean.

Average, Measures of. *See* Central tendency, Measures of.

Average deviation. *See* Mean deviation.

Avocational education.
Refer from Education; Leisure; Sociology, Educational.

Awards. *See* Rewards and prizes.
Axons. *See* Neurones.

B

B-scores.
(Reserved for measures of brightness)
Refer from Intelligence quotient; Test scores.

Babyhood. See Child study; Infancy.

Baccalaureate addresses. *(U)*
(Include sermons)
Refer from Graduation.

Bachelors' degrees.
Refer from Degrees, Academic; (s): A.B. degree.

Back-to-the-school movement.
Refer from Adult education; Part-time education; Publicity—Public schools.

Backward children.
(Children whose mental backwardness is symptom of some removable cause)
See also Absences — Students — Public schools; Adolescence; Delinquent children; Environment; Epileptic children; Foreign-speaking children; Nutrition—Students; Retardation, Mental.
Refer from Atypical children; Children; Clinical psychology; Differential psychology; Intelligence; Physically handicapped; Retardation — Students; (s): Children, Abnormal and backward; Laggards; Over-age children; Repeaters; Retarded children; Slow children; Stupid children; Subnormal children.

—Education. *(G)*
See also After-school classes; Summer camps—Educational work; Ungraded rooms; Vacation schools.
Refer from Curricula—Differentiation; Special education.

Bacteriology. *(S, U)*
Refer from Biology; Botany; Home-economics education; Hygiene.

Balanced courses.
Refer from Courses of study; Curricula; Group-system of courses; (s): Courses, Balanced.

Ball games.
See also names of ball games, e.g. Basket ball.
Refer from Games.

Bands. *(U)*
Refer from Extra-curricular activities; Instrumental music; Musical organizations.

—Kindergartens. *See* Kindergarten bands.

—Public schools.
See also Kindergarten bands.

—Universities and colleges.
Refer from Musical organizations—Universities and colleges.

Banking. *(S, U)*
Refer from Commercial education.

Banks—Public schools. *See* Savings banks—Public schools.

Banquets. *(P)*

—Students. *(U)*
Refer from Social functions and activities.

Baptist church—Educational work.
(If preferred, the various branches of this denomination may receive separate treatment)
See also Schools of religion, University; Theological seminaries and schools; Universities and colleges, Denominational.
Refer from Church education.

Bar examinations. *(G)*
Refer from Examinations; Legal education.

Barring out teachers.
See also Boy bishops.
Refer from Education—England—History; Education—U. S.—History; Student life—History; Teachers.

Basal readers. *See* Readers.

Baseball. *(U)*
Refer from Athletic fields; Athletics.

Basements—School buildings.
Refer from Architecture, School; Heating—School buildings; Storage service—School buildings; Ventilation—School buildings.

Bashfulness.
Refer from Emotional expression; Instincts; Self-consciousness; (s): Coyness; Shyness.

Basket ball. *(U)*
Refer from Athletic fields; Athletics; Gymnasiums.

Basket making. *See* Basketry.

Basketry. *(S, U)*
Refer from Arts and crafts; Handwork; (s): Basket making.

Batavia plan.
Refer from Individual instruction; Promotions—Students—Elementary schools.

Bathing, School. *See* Baths, School.

Bathing facilities—School buildings.
See also Baths, School; Plumbing; Swimming pools—Public schools.
Refer from Athletics—Public schools; Gymnasiums—Public schools; Health—Students—Public schools; Water supply systems—School buildings; (s): Shower baths—School buildings.

Baths, School.
(Include construction, arrangement, and equipment of baths; also dressing rooms)
See also Swimming pools—Public schools.
Refer from Architecture, School; Bathing facilities—Public schools; Gymnasiums—Public schools; Health supervision—Public schools; Hygiene, Personal; Hygiene, School; (s): Bathing, School.

Batik. *(S, U)*
Refer from Art education; Arts and crafts.

Batteries of tests.
See also Achievement tests; Intelligence tests.
Refer from Survey tests; Surveys—Public schools; Testing programs; (s): Inventory tests; Teams of tests.

Beauty-culture schools and courses. *(G)*
Refer from Personal-service education; Schools; Vocational home economics.

Behavior.
See also Animal behavior; Automatic movements; Automatism; Choice; Conduct and deportment; Custom; Desire; Emotions; Glands, Ductless; Habit; Instincts; Laughter; Motives; Puzzles, Psychological; Reactions.

Behavior—*(Continued)*
Refer from Behaviorism; Character education; Consciousness; Ethics and education; Motor processes; Psychology; Purposive psychology; Reaction psychology; Will.

Behaviorism. *(S, U)*
See also Activity stream; Animal psychology; Behavior; Conditioned responses; Electron-proton theory; Emotions; Genetic psychology; Instincts; Learned responses; Motor processes; Objective method; Stimulus and response.
Refer from Experimental psychology; Psychology; (s): Anthroponomy; Behavioristic psychology; Objective psychology.

Behavioristic psychology. *See* Behaviorism.

Belief.
See also Doubt; Observation.
Refer from Emotions; Judgment; Religion, Psychology of; Will; (s): Certainty.

Bell system. *See* Monitorial systems; *also* Bell, Andrew — Educational theories and methods. N. B. Names of persons are not included in this List. Insert when needed.

Bells. *See* Electric service systems—School buildings.

Benches, School. *See* Furniture — Public schools.

Benedictines—Educational work.
See also Cistercians—Educational work.
Refer from Education — Europe — Medieval period; Monasticism and education.

Benefit of clergy.
Refer from Canon law and education; Education—England—History.

Best-answer tests.
(Type of test or examination)
Refer from Recognition tests; Tests—Types.

Best books—Education.
Refer from Education — Bibliography; (s): Bibliography—Best books—Education.

Better-speech week.
Refer from Oral composition; Special weeks; Speech education.

Bible as literature. *(S, U)*
Refer from English literature.

Bible reading—Public schools.
Refer from Character education; Devotional exercises—Public schools; Opening exercises; Religious education—Public schools; State administration—Public schools; (s): Public schools and religion; Religion and the public schools.
—Controversial literature.
—Laws and legislation.

Bible schools. *See* Daily vacation church schools; Missionary training schools; Sunday schools.

Bible study. *(S, U)*
(Include private study and study by groups not under school direction as well as regular school classes)
Refer from Character education; Religious education.

Bibliography. *(S, U)*
See also Bibliography used as a form subdivision *(F)* e.g. Education—Bibliography; *also* used as a biographical

Bibliography—*(Continued)*
subdivision *(B)* e. g. Buckingham, Burdette Ross—Bibliography. N.B. Names of persons are not included in this List. Insert when needed.
—Best books—Education. *See* Best books—Education.

Bid forms. *See* Business record systems.

Bilateral transfer. *See* Cross education.

Bilingual schools. *(G)*
(Include legislation in regard to bilingualism)
See also Vernacular, Teaching in the.
Refer from Parochial schools; Schools.

Bills and acts, Educational. *(G)*
See also names of specific bills and acts, e.g. Smith-Hughes act. N. B. Names of bills and acts are not included in this List. Insert when needed.
Refer from (s): Acts and bills, Educational; Educational bills.

Binaural hearing.
Refer from Auditory perception; Fusion; Space perception.

Binocular vision.
See also Corresponding points.
Refer from Fusion; Space perception; Visual perception.

Biographical method.
(Educative value of biography and its use in instruction)
Refer from Character education—Methods of instruction; Citizenship education; Geography—Teaching—Methods and technique; History—Teaching—Methods and technique; Religious education; Science—Teaching—Methods and technique; Teaching—Methods and technique; (s): Biography.

Biography. *See* Biographical method; Education—Biography; *also* Biography used as a biographical subdivision *(B)* e.g. Froebel, Friedrich—Biography. N.B. Names of persons are not included in this List. Insert when needed.

Biological apparatus. *See* Biological laboratories—Equipment and supplies.

Biological laboratories. *(U)*
Refer from Biology; Laboratories.
—**Equipment and supplies.**
See also Microscopes.
Refer from (s): Biological apparatus.

Biology. *(S, U)*
See also Anatomy; Bacteriology; Biological laboratories; Biometry; Botany; Civic biology; Heredity; Nature study; Physiology, Human; Zoology.
Refer from Anthropology; Health education; Hygiene; Natural sciences; Physiology; Psychology; Sex education.

Biometry.
Refer from Anthropology; Health education; Hygiene; Natural sciences; Physiology; Psychology; Sex education.
Refer from Biology; Individual differences; Statistical methods.

Bird day.
(Include exercises and celebrations)
Refer from Bird study; Humane education; Special days.

Bird study. *(S, U)*
See also Bird day.
Refer from Nature study; (s): Ornithology.

Birthday celebrations, School. *See* Special days.

Bishops' schools.
See also Cathedral schools; Chancellor's schools; Choristers' schools; Cloister

Bishops' schools—*(Continued)*
schools; Grammar schools (English); Song schools.
Refer from Canon law and education; Catholic church — Educational work; Church schools; Common law and education; Education—Europe—Medieval period; Parish schools; Reformation, The, and education; Schools.

Black death and education.
Refer from Education—England—Norman period; Vernacular, Teaching in the.

Blackboard drawing.
Refer from Drawing.

Blackboards.
(Include materials, construction, hygiene of, and use in instruction and school decoration)
Refer from Apparatus—Public schools; Architecture, School; Classrooms; Eye —Care and hygiene; Hygiene of instruction; Kindergarten rooms.

Blind.
See also Blind-deaf; Blindness; Location, Sense of; Ophthalmia neonatorum.
Refer from Children; Physically handicapped.
—Education. *(G)*
See also Blind—Libraries and books.
Refer from Special education.
—Industrial training.
Refer from Industrial education.
—Libraries and books. *(G)*
Refer from Blind—Education; Libraries.
—Methods of instruction. *(G)*
See also Touch reading.
Refer from Teaching—Methods and technique.
—Printing and writing systems.
Refer from Printing; Writing; (s): Braille system; Moon system; New York point system.
—Schools and institutions. *(G)*
Refer from Institutional schools; Schools.

Blind-deaf.
See also Blindness; Deafness.
Refer from Blind; Children; Deaf; Physically handicapped; (s): Deaf-blind.
—Education. *(G)*
Refer from Special education.
—Methods of instruction. *(G)*
Refer from Teaching—Methods and technique.
—Schools and institutions. *(G)*
Refer from Institutional schools; Schools.

Blindness.
(Peripheral and mental)
See also Color blindness.
Refer from Blind; Blind-deaf; Eye—Diseases and defects.

Blue prints. *See* Building designs and plans.

Blush.
(Psychological connotations)
Refer from Emotional expression.

Board and lodging. *(P)*
Refer from (s): Lodgings.
—Students. *(U)*
See also Boarding clubs—Students; Cafeterias; Halls of residence.
Refer from Costs and expenditures; Student life; (s): Students—Board and lodging; Students—Housing.
—Universities and colleges.
See also Boarding clubs—Students—Universities and colleges; Commons and unions; Restaurants—Students—Universities and colleges; Society houses—Students.

Board and lodging—*(Continued)*
—**Teachers.** *(U)*
See also Teacherages.
Refer from (s): Teachers—Board and lodging; Teachers—Housing.
—**Rural schools.**
See also Boarding round of teachers.

Boarding clubs. *(P)*
Refer from Clubs.
—**Students.** *(U)*
Refer from Board and lodging—Students; (s): Eating clubs—Students.
—**Universities and colleges.**
Refer from Board and lodging—Students—Universities and colleges; Student organizations and societies—Universities and colleges.
—**Teachers.** *(U)*

Boarding round of teachers.
See also Wandering students.
Refer from Board and lodging—Teachers—Rural schools; Salaries—Teachers; Teachers—Rural schools.

Boarding schools. *(G)*
(Students receive instruction, board, and lodging)
See also County high schools; Experimental schools; Finishing schools; Public schools (endowed)—England.
Refer from Education—History; Education—U. S.—Colonial period; Private schools; Schools.

Boards and foundations, Educational. *(G)*
(Include trust funds, e.g. Commonwealth fund)
See also Negroes in the U. S.—Education; Research—Universities and colleges; Research, Educational; *also* names of specific boards and foundations. N.B. Names of boards and foundations are not included in this List. Insert when needed.
Refer from Philanthropy, Educational; (s): Charitable trusts for education; Educational boards and foundations; Foundations, Educational.

Boards of education.
See also Business administration—Public schools; Church boards of education; City boards of education; County boards of education; District boards of education; State boards of education; Township boards of education; Women on boards of education.
Refer from Administration — Public schools; Dual systems—Public schools; Elections, School; (s): Directors, School.

Boards of education and politics.
Refer from Politics and education; (s): Politics and boards of education.

Boards of health and schools.
See also Communicable diseases; Health supervision—Public schools; Hygiene, School.

Boards of regents. *See* Boards of trustees—Universities and colleges.

Boards of trustees. *(U)*
—**Universities and colleges.**
Refer from Administration—Universities and colleges; Church boards of education; (s): Boards of regents; Regents, Boards of; Trustees, Boards of; Universities and colleges — Governing boards.

Boat races. *See* Regattas.

Body, Care of. *See* Hygiene, Personal.

Body, Growth of. *See* Growth, Physical.

Body and mind. *See* Mind and body.

Bogus degrees. *See* Degrees, Academic—Purchased and forged.

Bond issues—Public schools. *See* Bond publicity campaigns — Public schools; Bonded indebtedness—Public schools.

Bond publicity campaigns—Public schools. *(G)*
Refer from Bonded indebtedness—Public schools; Bonds—Public schools; Building programs—Public schools; Financial publicity—Public schools; Publicity campaigns—Public schools; (s): Bond issues—Public schools.

Bonded indebtedness. *(U)*
See also Interest (indebtedness); Sinking funds.
Refer from Debts; Finance; (s): Credit financiering; Liquidation, Plans for.

—Public schools.
(Include details for bond issues and provision for the retirement of the bonds)
See also Bond publicity campaigns—Public schools; Bonds—Public schools; Interest (indebtedness)—Public schools; Sinking funds—Public schools.
Refer from Building programs—Public schools; Buildings — Costs — Public schools; Business administration—Public schools; Capital outlay — Public schools; Finance—Public schools; Income and receipts—Public schools; Laws and legislation—Public schools; (s): Bond issues—Public schools.

Bonding (surety and liability)
(Include bonding of school officials and contractors)
Refer from Business administration—Public schools.

Bonds. *(U)*
—Public schools.
(Include sinking-fund bonds and serial bonds, both installment and annuity)
See also Bond publicity campaigns—Public schools.
Refer from Bonded indebtedness—Public schools.

Book clubs.
Refer from Adult education; Books and reading; Clubs; Libraries; Study clubs.

Book-lifts. *See* Mechanical service systems—School buildings.

Book lists. *(U)*
(Used for lists of books especially selected for the educational groups indicated by subdivision *(U)*
See also Bibliography used as a form subdivision *(F)* e.g. Arithmetic—Teaching—Bibliography.
Refer from Books and reading; Children's literature and reading; Libraries; (s): Books for children: Children's books; Reading lists.

—Elementary schools.
—High schools.
—Rural schools.

Book reviews.
Refer from (s): Reviews, Book.

Book selection. *(S, U)*
Refer from Library training.

Book week. *See* Children's book week.

Bookbinding. *(S, U)*
Refer from Arts and crafts; Industrial education.

Bookcases, School. *See* Classrooms; Furniture—Public schools.

Bookkeepers. *(U)*
—Public schools.
Refer from Business administration—Public schools.

Bookkeeping. *(S, U)*
(Treats of the mechanical procedure of recording business transactions affecting assets, liabilities, or capital)
Refer from Accountancy education; Accounting; Commercial education.

Books, Supplementary. *See* Supplementary reading.

Books and reading.
(The part these play as educational agencies)
See also Book clubs; Book lists; Children's literature and reading; Culture and cultural values; Home libraries; Professional books and reading (education); Reading preferences; Recreational reading.
Refer from Adult education; Character education; Home, The, and education; Leisure; Libraries; Press, The, and education; Reading; Self-education; (s): Home reading; Reading for culture.

Books for children. *See* Book lists; Children's literature and reading.

Bookstores. *(U)*
—Universities and colleges.
(Frequently cooperative)
Refer from Business administration—Universities and colleges.

Booster clubs.
Refer from Clubs; Publicity—Universities and colleges.

Boots and shoes—Students. *See* Footwear—Students.

Borderline intelligence.
Refer from Intelligence; Mentally deficient.

Botanical apparatus. *See* Botanical laboratories—Equipment and supplies.

Botanical gardens. *(G)*
Refer from Botany.
—Educational work.

Botanical laboratories.
Refer from Botany; Laboratories.
—Equipment and supplies.
Refer from (s): Botanical apparatus.

Botanical libraries.
Refer from Libraries.

Botanical societies. *(G)*
Refer from Scientific societies.

Botany. *(S, U)*
See also Anatomy; Bacteriology; Botanical gardens; Botanical laboratories; Ecology; Economic botany; Gardens, School; Horticulture; Morphology; Nature study.
Refer from Biology; Natural sciences; Physiology; (s): Physiology, Plant.
—Field work.
Refer from Botany—Teaching—Methods and technique.
—Teaching—Methods and technique.
See also Botany—Field work; Laboratory method; Notebook method; Object teaching.

Botany, Economic. *See* Economic botany.

Boundaries, School-district.
Refer from State administration—Public schools.

Boxing.
Refer from Athletics; Physical education.

Boy bishops.
Refer from Barring out teachers; Festivals; Student life—History.

Boy scouts.
Refer from Boys; Boys' clubs; Character

Boy scouts—*(Continued)*
education; Citizenship education; Safety education; Scouts and scouting; Thrift education.

Boys.
(Include the boy problem, his points of view, etc.)
See also Adolescence; Boy scouts; Gangs.
Refer from Conduct and deportment; Sex differences.
—Education.
—Employment. *See* Child labor; Student employment.

Boys' clubs. *(G)*
See also Agricultural clubs; Boy scouts.
Refer from Clubs.

Boys' schools. *(G)*
See also names of specific schools. N.B. Names of schools are not included in this List. Insert when needed.
Refer from High schools; Private schools; Schools.

Brahmanism and education.
Refer from Education—Theories and principles; (s): Non-Christian religions and education.

Braille system. *See* Blind—Printing and writing systems.

Brain.
(Include cortical activities and localization of conscious and motor functions)
See also Localization of functions; Soul-substance theory.
Refer from Nervous system; Reacting mechanisms; Somatology; (s): Cerebellum; Cerebrum; Commissures; Cortex; Medulla oblongata; Mid-brain; Pons.

Brain diseases. *See* Psychoses.

Branch libraries. *(U)*
Refer from Libraries.
—Public schools.
Refer from Community-center activities—Public schools; Libraries — Public schools; Public libraries and schools.

Breathing. *See* Respiration.

Breathing exercises.
See also Respiration.
Refer from Exercise; Physical education.

Brick, stone, and cement work. *(S, U)*
Refer from Industrial education; (s): Cement work.

Bright children. *See* Mentally superior.

Brightness, Degree of. *See* Intelligence quotient.

Brightness of color. *See* Color.

Broadcasting, Radio. *See* Radio broadcasting.

Buddhism and education.
Refer from Education—Theories and principles; (s): Non-Christian religions and education.

Budgets and budgetary procedures. *(U)*
(Include budget analyses, budget estimates, budget making, and their presentation, adoption, and administration)
Refer from Finance; Financial accounting.
—City schools.
Refer from Finance—City schools.
—Public schools.
(Include county and state budgets and budgetary procedures)
See also Unit-costs—Public schools.
Refer from Finance—Public schools; Financial accounting — Public schools; (s): Expense control.

Budgets and budgetary procedures—*(Continued)*

—Rural schools.

Refer from Finance—Rural schools.

—Universities and colleges.

Refer from Finance—Universities and colleges.

Building codes. *See* Building laws and regulations.

Building contracts. *(U)*

(Include contract forms)

Refer from Contracts.

—Public schools.

Refer from Building laws and regulations—Public schools; Contract letting—Public schools.

Building departments. *(U)*

—Public schools.

(Include duties, organization, and personnel of department)

See also Architects—Public schools; Architecture, School; Building inspection—Public schools; Building sites—Public schools; Building superintendents—Public schools; Buildings—Construction—Public schools; City superintendents—Public schools; Engineers — Public schools; Equipment — Public schools; Fences—Public schools; Service systems—School buildings.

Refer from Administration—City schools; Business administration — Public schools; (s): School-properties departments.

Building designs and plans. *(U)*

Refer from (s): Architecture—Designs and plans; Blue prints; Building plans.

—Elementary schools.

Refer from (s): Elementary schools—Buildings—Designs and plans.

—High schools.

—Platoon schools.

Refer from (s): Platoon schools—Buildings—Designs and plans.

—Public schools.

See also Buildings — Types — Public schools; Equipment—Floor plans—Public schools.

Refer from (s): Plans—School buildings.

—Universities and colleges.

Building estimates. *(U)*

—High schools.

Building inspection. *(U)*

Refer from Medical inspection; (s): Inspection of buildings.

—Public schools. *(G)*

See also Class-size; Housekeeping—School buildings; Janitorial service — School buildings; Repairs and replacements—Buildings—Public schools; Sanitation—School buildings; Service systems—School buildings.

Refer from Building departments—Public schools; Building laws and regulations—Public schools; Health supervision—Public schools; Hygiene, School; Medical inspection—Public schools.

—Record systems. *(U)*

(Include forms used)

Refer from Business record systems; Health record systems; Record systems; (s): Housing record systems.

—Public schools. *(G)*

Refer from Business record systems—Public schools.

—Reporting systems. *(U)*

(Include forms used)

Refer from Business reporting systems; Health reporting systems; Reporting systems.

Building inspection—*(Continued)*
—Reports. *(U)*
Refer from Business reports; Health reports; Reports.

Building laws and regulations. *(U)*
Refer from Laws and legislation; (s): Building codes.
—Public schools. *(G)*
See also Building contracts — Public schools; Building inspection — Public schools; Building specifications—Public schools; Building standards — Public schools; Fire protection—School buildings.
Refer from Laws and legislation—Public schools; State, The, and education.

Building materials—School buildings.
See also Fireproofing—School buildings; Floors—School buildings; Index numbers; Waterproofing—School buildings.

Building plans. *See* Building designs and plans.

Building principals. *See* Principals.

Building programs. *(U)*
See also Curricula.
—Public schools. *(G)*
See also Attendance—Students—Public schools; Bond publicity campaigns—Public schools; Bonded indebtedness—Public schools; Census, School; Curricula—Public schools; Population movements; Population studies.
Refer from Building surveys — Public schools; Equalization, Educational.

Building scores. *See* Buildings—Score cards.

Building sites. *(U)*
See also Athletic fields; Population studies.
Refer from Grounds; (s): Location—Buildings.
—Plans. *(U)*
—Public schools.
(Include location, zoning, elevation, drainage, size, and form; also safety, healthfulness, accessibility, and freedom from noise and odors)
See also Athletic fields—Public schools; Orientation—Buildings—Public schools; Playgrounds—Public schools; Zoning.
Refer from Attendance—Students—Public schools; Building departments—Public schools; Grounds—Public schools; Sociology, Educational.

Building specifications. *(U)*
—Public schools.
Refer from Building laws and regulations—Public schools.

Building standards. *(U)*
See also Lighting standards.
Refer from Standards; (s): Standards, Engineering.
—Public schools. *(G)*
See also Floor space per student.
Refer from Building laws and regulations—Public schools.

Building superintendents. *(U)*
—Public schools.
Refer from Building departments—Public schools.

Building surveys. *(U)*
See also Buildings—Score cards.
Refer from Surveys.
—Public schools. *(G)*
See also Building programs — Public schools.

Buildings. *(U)*
(N.B. Under this heading it has seemed better procedure to arrange the *(U)* subdivisions be-

Buildings—*(Continued)*
fore the other subdivisions)
See also Appraisal—Buildings; Rents—Buildings; Repairs and replacements—Buildings; Sales—Buildings.
Refer from Administration; Plants.
—**Elementary schools.** *(G)*
Refer from (s): Elementary schools—Buildings.
—**High schools.** *(G)*
Refer from (s): High schools—Buildings.
—**Junior colleges.** *(G)*
Refer from (s): Junior colleges—Buildings.
—**Junior high schools.** *(G)*
—**Normal schools and teachers colleges.** *(G)*
Refer from (s): Normal schools and teachers colleges—Buildings.
—**Parochial schools.**
—**Platoon schools.** *(G)*
—**Public schools.** *(G)*
See also School buildings used as a subdivision under architectural subjects, e.g. Heating—School buildings.
Refer from Architecture, School; Plants—Public schools; (s): School buildings; Schoolhouses.
—**Rural schools.** *(G)*
Refer from (s): Rural schools—Buildings.
—**Senior high schools.** *(G)*
—**Universities and colleges.** *(G)*
See also Architecture, College; Library buildings—Universities and colleges; *also* College buildings used as a subdivision under architectural subjects, e.g. Heating—College buildings.
Refer from Business administration—Universities and colleges; Plants—Universities and colleges; (s): College buildings; Universities and colleges—Buildings.
—Community use. *See* Community use of buildings.
—**Construction.** *(U)*
See also Repairs and replacements—Buildings.
Refer from (s): Construction of buildings.
—**Public schools.**
(Include the planning for the building, the appointment of special committees, and the supervision of construction)
See also Drainage—School buildings; Fireproofing—School buildings; Foundations—School buildings; Waterproofing—School buildings.
Refer from Architecture, School; Building departments—Public schools.
—Costs. *(U)*
See also Index numbers.
Refer from Appraisal—Buildings; Capital outlay; Costs and expenditures; Plants—Costs.
—**Public schools.**
See also Alterations—School buildings.
Refer from Bonded indebtedness—Public schools; Capital outlay—Public schools.
—**Universities and colleges.**
Refer from Capital outlay—Universities and colleges.
—Dedication. *See* Dedication—Buildings.
—Depreciation. *See* Depreciation—Buildings.
—Evaluation. *See* Appraisal—Buildings.
—Insurance. *See* Insurance—Buildings.
—Orientation. *See* Orientation—Buildings.
—**Rating.**

Buildings—*(Continued)*
—Score cards. *(U)*
Refer from Building surveys; Educational measurements; Score cards; (s): Building scores.
—Elementary schools.
—High schools.
—Rural schools.
Refer from (s): Rural schools—Buildings—Score cards.
—Types. *(U)*
Refer from (s): Types of buildings.
—Public schools.
(Mission style, H type, E type, etc.)
Refer from Architecture, School; Building designs and plans—Public schools.
—Valuation. *See* Appraisal—Buildings.

Buildings, Dampproofing of. *See* Waterproofing—School buildings.

Buildings, Portable. *See* Portable buildings.

Bulletin boards.
(Include construction and use)
Refer from Apparatus—Public schools; Classrooms; Corkboards; Kindergarten rooms; Libraries—Public schools; Publicity—Public schools.

Bulletins. *(U)*
Refer from Publications.
—Universities and colleges.
Refer from Publications—Universities and colleges.

Bureaus of attendance. *See* Attendance departments—Public schools.

Bureaus of educational research. *(U)*
(Include their activities, organization, and personnel)
See also Directors of research.
Refer from Research, Educational; (s): Educational measurements, Bureaus of; Educational research, Bureaus of; Research bureaus.
—Normal schools and teachers colleges.
Refer from Normal schools and teachers colleges.
—Public schools.
See also Courses of study; Educational guidance—Public schools; Finance—Public schools; Student accounting—Public schools; Supervision of teaching—Public schools; Vocational guidance—Public schools.
Refer from Administration—City schools.
—State boards of education.
Refer from State boards of education.
—Teachers' associations.
Refer from Teachers' associations.
—Universities and colleges.
Refer from Universities and colleges.

Bursars.
(Include comptrollers and treasurers of institutions of higher learning)
Refer from Business administration—Universities and colleges; Finance—Universities and colleges; (s): Administrators, Educational.

Business, Choice of. *See* Vocational guidance.

Business ability.
Refer from Ability; Commercial education.

Business administration. *(U)*
See also Contracts.
Refer from Administration.
—Public schools.
(Meaning the management of the business activities of school systems)
See also Accountants—Public schools; Bonded indebtedness—Public schools;

Business administration — Public schools — *(Continued)*

Bonding (surety and liability); Bookkeepers—Public schools; Building departments—Public schools; Business managers — Public schools; Business record systems—Public schools; Business reports—Public schools; Buying methods—Public schools; Card systems in education; City superintendents—Public schools; Clerks—Public schools; Economies—Public schools; Finance—City schools; Finance—Rural schools; Financial accounting—Public schools; Inventories—Public schools; Janitorial service—School buildings; Mechanical calculation; Office procedure — Public schools; Publicity—Public schools; Purchasing agents—Public schools; Requisitions—Public schools; Secretaries—City boards of education; Stenographers—Public schools; Storekeepers — Public schools; Supplies—Public schools; Waste in education.

Refer from Administration—City schools; Boards of education; (s): Business management—Public schools.

—Universities and colleges.

See also Bookstores—Universities and colleges; Buildings—Universities and colleges; Bursars; Buying methods—Universities and colleges; Endowments—Universities and colleges; Finance—Universities and colleges.

Refer from Administration—Universities and colleges; (s): Universities and colleges—Business administration.

Business and commercial education. *See* Commercial education and business.

Business and higher education. *See* Higher education and business.

Business arithmetic. *See* Commercial arithmetic.

Business colleges. *(G)*

See also Secretarial training courses and schools.

Refer from Commercial education; Private schools; Schools; (s): Business schools.

Business education. *See* Commercial education.

Business English. *(S, U)*

See also Commercial correspondence.

Refer from Commercial education; (s): Commercial English; English language —Business English.

Business French. *See* Commercial French.

Business German. *See* Commercial German.

Business law. *See* Commercial law.

Business management—Public schools. *See* Business administration—Public schools.

Business managers. *(U)*

—Public schools.

See also Secretaries—City boards of education.

Refer from Business administration—Public schools; Dual systems — Public schools; (s): Administrators, Educational.

Business managers and city boards of education. *See* City boards of education and business managers.

Business methods (school subject) *See* Business practice.

Business practice. *(S, U)*

Refer from Commercial education; (s):

Business practice—*(Continued)*
Business methods (school subject)

Business record systems. *(U)*
(Include forms used, e.g. application blanks, contracts for service, time-allotment schedules, legal instruments used in purchase of land and buildings and in securing loans, voucher and requisition forms, etc.)
See also Applications for positions; Building inspection—Record systems; Financial accounting—Record systems; Requisitions.
Refer from Record systems; (s): Bid forms.

—Public schools. *(G)*
See also Building inspection—Record systems—Public schools; Financial accounting — Record systems — Public schools.
Refer from Business administration — Public schools; Record systems—Public schools.

Business reporting systems. *(U)*
(Include forms used)
See also Building inspection—Reporting systems; Financial accounting—Reporting systems.
Refer from Reporting systems.

Business reports. *(U)*
See also Building inspection—Reports; Financial reports.
Refer from Reports; Surveys.

—Public schools. *(G)*
See also Financial reports — Public schools.
Refer from Business administration — Public schools.

Business schools. *See* Business colleges; Colleges of commerce.

Business Spanish. *See* Commercial Spanish.

Business spelling. *(S, U)*
Refer from Commercial education.

Business tests. *See* Commercial tests.

Busy work.
See also Cardboard construction; Paper work.
Refer from Handwork—Primary grades; Kindergarten education; Primary education; Seatwork; Self-activity; Teaching—Aids and devices.

Buying methods. *(U)*
See also Purchasing agents; Requisitions.

—Public schools.
Refer from Business administration—Public schools; Financial accounting—Record systems—Public schools; Supplies—Public schools.

—Universities and colleges.
Refer from Business administration—Universities and colleges.

C

Cabinet-making. *(S, U)*
Refer from Industrial education; Manual training.

Cadet teachers. *See* Apprentice teachers.

Cafeterias. *(U)*
Refer from Board and lodging—Students; Home-economics education.

—Administration. *(U)*

—Public schools.
See also Lunch rooms—Public schools; Lunches, School.
Refer from Architecture, School; (s): Meals, School.

—Universities and colleges.
See also Commons and unions.
Refer from (s): Dining halls—Universities and colleges.

Calculating machines. *See* Mechanical calculation.

Calculus. *(S, U)*
See also Analysis, Mathematical.
Refer from Analytical geometry; Mathematics; (s): Differential calculus; Integral calculus.

Calendars. *(U)*

—Universities and colleges.
Refer from Administration—Universities and colleges.

Calisthenics. *(S, U)*
(Include free movements of arms, legs, etc.; exercises with wands, dumb-bells, etc.; and marching)
Refer from Esthetics; Gymnastics; (s): Callisthenics.

Callisthenics. *See* Calisthenics.

Calvinists—Educational work.
See also Academies; Education—U. S.—Colonial period.
Refer from Reformation, The, and education.

Cambridge plan.
Refer from Classification — Students — Elementary schools; Curricula — Elementary schools; Parallel courses; Promotions — Students — Elementary schools.

Camp-fire girls.
See also Nature study.
Refer from Character education; Citizenship education; Girls' clubs; Home-economics education; Scouts and scouting.

Camp schools. *See* Summer camps—Educational work.

Campaign publicity—Public schools. *See* Publicity campaigns—Public schools.

Camping. *See* Camps and camping.

Camps, Military training. *See* Military training camps.

Camps and camping. *(G)*
See also Summer camps—Educational work.
Refer from Recreation; Sociology, Educa-

Camps and camping—*(Continued)*
tional; (s): Camping.

Campus. *See* Grounds—Universities and colleges.

Cancellation tests.
(Type of test or examination)
Refer from Tests—Types.

Canon law and education.
See also Benefit of clergy; Bishops' schools; Cathedral schools; Chantry schools.
Refer from Catholic church—Educational work; Church education; Education—Europe—Medieval period.

Capacities.
(The set of powers with which individuals are born; their original abilities)
Refer from Ability; Determinism, Educational; Heredity; Infancy; Learning; Original nature; Reactions.

Capacity tests. *See* Ability tests for cross-references.

Capital outlay. *(U)*
See also Buildings—Costs; Equipment—Costs; Grounds—Costs; Index numbers; Plants—Costs.
Refer from Costs and expenditures; (s): Outlay, Capital.

—Public schools.
See also Alterations—School buildings; Bonded indebtedness—Public schools; Buildings — Costs — Public schools; Equipment — Costs — Public schools; Grounds—Costs—Public schools; Walks—Public schools.

—Universities and colleges.
See also Buildings—Costs—Universities and colleges.

Capitalization. *See* Capitalization used as a subdivision under names of languages, e.g. English language—Capitalization.

Caps and gowns. *See* Academic costumes.

Card catalogs.
(Include their construction and use by teachers, librarians, and school officials)
See also Alphabetizing; Files and filing.
Refer from Card systems in education; Cataloging; (s): Catalogs, Card; Indexes, Card.

Card systems in education.
See also Card catalogs.
Refer from Business administration—Public schools; Financial accounting; Office procedure; Student accounting.

Cardboard construction.
Refer from Busy work; Construction work; Handwork — Primary grades; Kindergarten education; Primary education; Seatwork; Silent reading—Seatwork—Primary grades.

Cardiac children.
Refer from Children; Physically handicapped.

—Education.
Refer from Special education.

Care and hygiene. *See* Ear—Care and hygiene; Eye—Care and hygiene; Teeth—Care and hygiene; Throat—Care and hygiene.

Carnegie units. *See* Credits and credit systems—Universities and colleges.

Carpentry. *(S, U)*
Refer from Industrial education.

Case method.
Refer from Economics—Teaching—Methods and technique; Legal education; Teaching—Methods and technique.

Case studies.
See also Diagnosis, Clinical.
Refer from Atypical children; Clinical psychology; Psychological clinics.

Catalepsy.
Refer from Dementia precox; Hysteria; Movement disorders; Nervous system—Diseases.

Cataloging. *(S)*
See also Card catalogs.
Refer from Library training.

Catalogs. *(U)*
—Private schools.
—Universities and colleges.
Refer from Publications—Universities and colleges.

Catalogs, Card. *See* Card catalogs.

Catechetical method.
Refer from Question and answer method; Teaching—Methods and technique.

Catechetical schools.
(Devoted to general culture as well as religious training)
See also Catechism.
Refer from Early Christians—Education; Religious education; Schools.

Catechism. *(S)*
Refer from Catechetical schools.

Catechumenal schools.
(Devoted exclusively to the religious training of converts before their baptism)
Refer from Early Christians—Education; Religious education; Schools.

Cathedral schools. *(G)*
See also Chancellor's schools; Chantry schools; Choristers' schools; Song schools.
Refer from Bishops' schools; Canon law and education; Church schools; Education—History; Schools.

Catholic church.
—Educational work.
See also Abbey schools; Bishops' schools; Canon law and education; Convent education; Dissenters—Educational work; Indians in the U. S.—Education; Monasticism and education; Parochial schools; Universities and colleges, Denominational.
Refer from Church education; Education—Europe—Medieval period; (s): Roman Catholic church — Educational work.
—Teaching orders.
See also Christian brothers—Educational work; Convent schools; Daughters of the presentation — Educational work; Oratorians—Educational work; Piarists—Educational work.
Refer from Education — Europe — Medieval period; Reformation, The, and education; (s): Teaching orders and brotherhoods.

Causation.
(Philosophical connotations)
Refer from Education — Theories and principles; Idealism; Philosophy.

Celebration of holidays. *See* Special days.

Cement work. *See* Brick, stone, and cement work.

Censorship, Literary. *See* Freedom of press.

Censorship of motion pictures. *See* Motion pictures—Censorship.

Census, School. *(G)*
(Include annual and continuous census)
See also Mentally deficient; Physically handicapped; School age.

Census, School—*(Continued)*
Refer from Administration — Public schools; Apportionment of school funds; Attendance—Students—Public schools; Building programs — Public schools; Child labor and education; Compulsory education; Sociology, Educational; State administration—Public schools; Student accounting — Public schools; Truants and truancy; (s): School population.

Census record systems—Public schools. *(G)*
(Include forms used)
Refer from Student accounting—Record systems—Public schools.

Census reporting systems—Public schools. *(G)*
Refer from Student accounting—Reporting systems—Public schools.

Census reports—Public schools. *(G)*
Refer from Student accounting—Reports —Public schools.

Centers, Community. *See* Community-center activities.

Central nervous system. *See* Nervous system.

Central tendency, Measures of.
See also Mean; Median; Mode; Percentiles; Quartiles.
Refer from Statistical methods; Test scores; (s): Average, Measures of.

Centralization of control.
See also Consolidation of schools.
Refer from Administration; County administration—Public schools; State administration—Public schools.

Centralized schools. *See* Consolidated schools.

Cephalic index. *See* Craniometry.

Ceramic education. *(G)*
(Include ceramic schools and departments in universities)
See also Pottery.
Refer from Education; Engineering.

Cerebellum. *See* Brain.

Cerebral hygiene. *See* Mental hygiene.

Cerebrum. *See* Brain.

Certainty. *See* Belief.

Certificates, Employment. *See* Employment certificates.

Certification. *(P)*
(Include kinds of certificates, methods of obtaining, endorsement, revocation, forfeiture, and acceptance by other states)
—Supervisors. *(G)*
Refer from State administration—Public schools; Supervisors — Public schools; (s): Supervisory certificates.
—Teachers. *(G, U)*
See also Examination systems—Teachers; Reading circles—Teachers; Registration — Teachers; Teachers' examinations.
Refer from County administration—Public schools; Promotions—Teachers—Public schools; Salaries—Teachers—Public schools; State, The, and education; State administration — Public schools; Teachers—Selection and appointment—Public schools; (s): State certification of teachers; Teachers—Certification; Teachers—Licenses.

Chairs, School. *See* Furniture — Public schools.

Chalk and crayon. *See* supplies.

Chalk-talks.
Refer from Lectures and lecture courses; Teaching—Aids and devices.

Chance distribution. *See* Normal frequency distribution.

Chancellors. *See* Presidents — Universities and colleges.

Chancellor's schools.
(Medieval theological schools)
Refer from Bishops' schools; Cathedral schools; Church schools; Education—Europe — Medieval period; Schools; Theological seminaries and schools.

Chantry schools.
Refer from Canon law and education; Cathedral schools; Church schools; Education — Europe — Medieval period; Schools.

Chapel exercises.
(Include compulsory and non-compulsory attendance)
Refer from Convocations — Universities and colleges; (s): Devotional exercises —Universities and colleges.

Chaperonage. *(U)*
Refer from Social functions and activities.

Character.
See also Character education; Character-trait tests; Character traits; Characterology; Emotions; Judgment; Will.
Refer from Conduct and deportment; Education—Aims and objectives; Personality; Phrenology; Psychology, Educational; Self; Transfer of training.

Character building. *See* Character education.

Character diagnosis.
See also Character-trait tests; Interviews and conferences; Phrenology; Physiognomy; Psychoanalysis.
Refer from Character rating; Characterology; Clinical psychology.

Character education. *(G)*
See also Accommodation; Appreciation; Athletics; Behavior; Bible reading—Public schools; Bible study; Books and reading; Boy scouts; Camp-fire girls; Characterology; Cheating; Classroom management; Codes of morals, Children's; Competition; Conduct and deportment; Courtesy and etiquette; Discipline, School; Duty; Emotional training; Environment; Ethics; Extra-curricular activities; Games; Heredity; Honesty education; Honor societies; Honor systems; Humane education; Ideals; Imitation; Leisure; Moral language; Morality and moral sense; Music—Psychological effects; Patriotism; Playgrounds; Religious education; Scouts and scouting; Self-activity; Social functions and activities; Social psychology; Student self-government; Suggestion; Sympathy; Temperance instruction; Thrift education; Welfare work—Students; Will.
Refer from Character; Child study; Citizenship education; Education; Ethics and education; Home, The, and education; Moral development; Parenthood education; Preschool education; Primitive peoples—Education; Reformatory education; Sex education; Sociology, Educational; (s): Character building; Character training; Ethical education; Moral education; Social education.

—Methods of instruction.
See also Biographical method; Didactic

Character education—Methods of instruction— *(Continued)*
method; Project method; Story-telling.
Refer from Teaching—Methods and technique.

—Organizations. *(G)*
See also names of organizations. N. B. Names of organizations are not included in this List. Insert when needed.
Refer from Associations; (s): Societies.

—Teacher training. *(G)*
Refer from Teacher training.

Character rating.
(Include card forms)
See also Character diagnosis; Character-trait tests.

Character tests. *See* Character-trait tests.

Character training. *See* Character education.

Character-trait tests. *(T)*
(Tests to measure moral qualities as honesty and dependability)
See also names of specific tests, e.g. Allport character tests. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Character; Character diagnosis; Character rating; Characterology; Mental tests; Personality tests; Tests and scales; (s): Character tests; Trait tests.

—Uses.
Refer from Vocational guidance.

Character traits.
Refer from Character; Individual differences; Individuality; Personality.

Characteristics of tests. *See* Characteristics used as a test subdivision *(T)* e.g. Tests and scales—Characteristics.

Characterology.
(Scientific study of character)
See also Character diagnosis; Character-trait tests; Phrenology.
Refer from Character; Character education; Differential psychology; Education—Theories and principles; Psychology; Social psychology.

Charitable trusts for education. *See* Boards and foundations, Educational.

Charity schools. *(G)*
See also Monitorial systems.
Refer from Dependent children—Education; Education — England — Modern period; Education — U. S. — Colonial period; Orphans—Education; Philanthropy, Educational; Pietism and education; Schools; Sunday schools.

Charters. *(U)*

—Universities and colleges.
Refer from (s): Universities and colleges—Charters.

Charts.
(Include construction and use in instruction)
See also Health charts.
Refer from Apparatus—Public schools; Graphic methods; Modern languages—Teaching—Aids and devices; Teaching—Aids and devices; Visual aids; Vocational agriculture—Teaching—Aids and devices; (s): Diagrams; Placards.

Chautauquas. *(G)*
(Include the chautauqua movement)
See also Lectures and lecture courses; Lyceums.
Refer from Adult education; Correspondence schools and courses; Extension education; Reading circles; Summer schools.

Cheating.
See also Honor systems; Ponies (translations)
Refer from Character education; Classroom management; Examinations; Student self-government; (s): Cribbing.

Checks on computations.
See also Addition; Division; Multiplication; Subtraction.
Refer from Mathematics.

Chemical apparatus. *See* Chemical laboratories—Equipment and supplies.

Chemical engineering.
Refer from Engineering education.

Chemical laboratories.
Refer from Laboratories.

—Equipment and supplies.
Refer from (s): Chemical apparatus.

Chemical societies. *(G)*
Refer from Scientific societies.

Chemistry. *(S, U)*
See also Analytic chemistry; Household chemistry; Inorganic chemistry; Organic chemistry; Photography.
Refer from Geology; Home-economics education; Medical education; Natural sciences; Pharmaceutical education.

—Laboratory manuals.

—Teaching—Methods and technique.
See also Class discussions; Inductive method; Laboratory method; Object teaching; Textbook method.

Chemistry, Analytic. *See* Analytic chemistry.

Chickenpox.
Refer from Communicable diseases.

Chief state school officers. *See* State superintendents—Public schools.

Child accounting. *See* Student accounting.

Child care. *(S, U)*
See also Child hygiene; Mother craft and infant care.
Refer from Home-economics education; Parenthood education; (s): Children—Care and hygiene.

Child-directed education. *(G)*
(A type of education in which the child learns by studying or doing things at the time when he himself feels the need or has the desire)
Refer from Education; Kindergarten education; Primary education.

Child guidance.
Refer from Preschool education; (s): Child training; Children—Education; Education of children.

Child-guidance clinics.
Refer from Clinics; Juvenile research bureaus; Psychological clinics.

Child hygiene.
See also Adolescence; Anthropology; Exclusion from school; Growth, Physical; Medical inspection; Physiological age; Sex education.
Refer from Child care; Child study; Health—Students—Elementary schools; Health supervision; Hygiene, School; (s): Children—Care and hygiene; Hygiene, Child.

Child labor. *(G)*
See also Child labor and education; Labor unions — Educational work; Street trades.
Refer from Child study; Illiteracy; Sociology, Educational; (s): Boys—Employment; Children—Employment; Employment of children; Junior employ-

Child labor—*(Continued)*
ment; Occupations of children.
—Laws and legislation. *(G)*
Refer from Child welfare—Laws and legislation.

Child labor and education.
See also Census, School; Compulsory education; Continuation schools; Employment certificates; Factory schools; Part-time education.
Refer from Attendance—Students—Public schools; Child labor; Industrial education; State administration — Public schools.

Child progress. *See* Student progress.

Child psychology. *(S, U)*
(Deals with mental life, thoughts, and feelings of children between infancy and puberty)
See also Abstract and concrete; Acquired characteristics; Attention; Emotions; Expression method; Habit; Ideational types; Imagination; Individual differences; Infancy; Instincts; Interest; Learning; Memory; Nascent periods; Objective method; Percepts and perception; Puzzles, Psychological; Reason and reasoning; Religion, Psychology of.
Refer from Child study; Elementary education; Genetic psychology; Mental development; Parenthood education; Preschool education; Psychology; Psychology, Educational; (s): Psychology, Child; Psychology of children.

Child study. *(S, U)*
See also Adolescence; Atypical children; Character education; Child hygiene; Child labor; Child psychology; Children's literature and reading; Competition; Compulsory education; Educational measurements; Gangs; Growth, Physical; Infancy; Juvenile delinquency; Mental tests; Physiological age; Recapitulation theory; Truants and truancy.
Refer from Curricula; Differential psychology; Elementary education; Kindergarten education; Preschool education; Teaching — Methods and technique; (s): Babyhood; Paidology.

Child training. *See* Child guidance.

Child welfare. *(G)*
See also Compulsory education; Dependent children; Infancy; Reformatory education; *also* names of child-welfare bills and acts. N. B. Names of bills and acts are not included in this List. Insert when needed.
Refer from Home, The, and education; Parent-teacher associations; Parenthood education; Sociology, Educational; State administration—Public schools; Welfare work; Women's clubs—Educational work.
—Laws and legislation.
See also Child labor—Laws and legislation.

Children.
See also Anemic children; Atypical children; Backward children; Blind; Blind-deaf; Cardiac children; Crippled children; Deaf; Delinquent children; Dependent children; Dull children; Epileptic children; Foreign-speaking children; Hard-of-hearing; Idiots and idiocy; Imbeciles and imbecility; Mentally deficient; Mentally superior; Morons; Neurotic children; Overgrown

Children—*(Continued)*
children; Physically handicapped; Preschool children; Psychopathic children; Tuberculous children; Unstable children; Wildings.
—Care and hygiene. *See* Child care; Child hygiene.
—Diseases. *See* Diseases and defects—Students.
—Education. *See* Child guidance; Elementary education; Kindergarten education; Preschool education; Primary education.
—Employment. *See* Child labor.
—Food. *See* Food—Students—Elementary schools.
—Health. *See* Health — Students — Elementary schools.
—Management. *See* Classroom management; Discipline, School.
—Nutrition. *See* Nutrition — Students — Elementary schools.

Children, Abnormal and backward. *See* Atypical children; Backward children.

Children, Measurements of. *See* Anthropometry.

Children's art.
Refer from Art education.

Children's book week.
Refer from Children's libraries; Children's literature and reading; Libraries—Public schools; Special weeks; (s): Book week.

Children's books. *See* Book lists; Children's literature and reading.

Children's libraries. *(G)*
See also Children's book week; Children's literature and reading; Libraries—Public schools.
Refer from Libraries; Public libraries and schools; (s): Libraries, Children's.

Children's literature and reading.
(Refers chiefly to books written for children, including articles on the selection and extent of children's reading and the types of books best fitted to different individuals, sexes, and ages)
See also Book lists; Children's book week; Children's poetry; Children's stories; Christmas stories; Folklore; Home libraries; Reading circles—Students; Story-telling.
Refer from Books and reading; Child study; Children's libraries; English literature; Libraries—Public schools; Reading; (s): Books for children; Children's books; Children's reading; Juvenile books; Juvenile literature; Reading of children.

Children's museums. *(G)*
See also Museums—Public schools.
Refer from Museums; (s): Museums, Children's.

Children's plays.
(Individual plays and collections of plays for children and works on such plays)
Refer from Children's theater; Christmas plays; Dramatics—Elementary schools; Plays; Plays—Elementary schools.

Children's poetry.
Refer from Children's literature and reading; Christmas poetry; Poetry.

Children's reading. *See* Children's literature and reading.

Children's songs and singing.
See also Kindergarten games and songs; Nursery rhymes.
Refer from Music; Singing; Songs.

Children's stories.
See also Fairy tales; Health stories.
Refer from Children's literature and reading; Christmas stories; Kindergarten education; Stories; Story-telling.

Children's theater.
See also Children's plays.
Refer from Dramatics; (s): Theater, Children's.

Chinese in the U. S.—Education.
Refer from Immigrants in the U. S.—Education.

Chivalric education.
See also Academies; Convent schools; Courtesy and etiquette; Letters and arms.
Refer from Education; Education—Europe—Medieval period; Education—Europe—15th–16th centuries; Gentry and nobles—Education.

Choice.
(Nature and function)
Refer from Behavior; Decision; Will.

Choice of profession. *See* Vocational guidance.

Choice of university or college. *See* Universities and colleges—Choice and selection.

Choir schools.
Refer from Music schools and conservatories; Musical education — History; Schools.

Choral singing.
(Singing by chorus or choir)
Refer from Choral societies; Musical education; Singing.

Choral societies. *(U)*
See also Choral singing.
Refer from Adult education; Musical organizations; People's institutes; (s): Choral unions; Singing societies; Societies.

—Universities and colleges.
Refer from Musical organizations—Universities and colleges.

Choral unions. *See* Choral societies.

Chorea.
See also Spasms.
Refer from Medical inspection; Movement disorders; Nervous system—Diseases; Neurotic children; Retardation, Mental; (s): St. Vitus' dance.

Choristers' schools.
(Combined song and grammar school)
Refer from Almonry schools; Bishops' schools; Cathedral schools; Church schools; Education—Europe—Medieval period; Music schools and conservatories; Musical education — History; Schools.

Christian brothers—Educational work.
Refer from Catholic church—Teaching orders; Reformation, The, and education.

Christian education. *See* Religious education.

Christian education in early church. *See* Early Christians—Education.

Christmas.
(Include exercises and celebrations)
See also Christmas plays; Christmas poetry; Christmas stories.
Refer from Holidays; Special days.

Christmas plays.
Refer from Children's plays; Christmas; Plays.

Christmas poetry.
Refer from Children's poetry; Christmas; Poetry.

Christmas stories.
Refer from Children's literature and reading; Children's stories; Christmas; Stories.

Chronological age. *See* Age.

Church, The, and education.
(Functions of the church as an institution of learning, especially secular)
See also Church education; Missions—Educational work; Reformation, The, and education.
Refer from Education—History; Sociology, Educational; (s): Education and the church.

Church affiliations. *(P)*
—Students. *(U)*
—Teachers. *(U)*

Church attendance. *(P)*
—Students. *(U)*
Refer from Education—History; Reformation, The, and education; Religious life—Students; (s): Students—Church attendance.
—Teachers. *(U)*
Refer from Religious life—Teachers; (s): Teachers—Church attendance.

Church boards of education.
See also Boards of trustees—Universities and colleges; Universities and colleges, Denominational.
Refer from Boards of education; Church education.

Church colleges. *See* Universities and colleges, Denominational.

Church education. *(G)*
See also Baptist church — Educational work; Canon law and education; Catholic church—Educational work; Church boards of education; Church schools; Community churches — Educational work; Congregational churches—Educational work; Disciples of Christ—Educational work; Evangelical church —Educational work; Friends, Society of—Educational work; Lutheran church —Educational work; Methodist Episcopal church—Educational work; Moravian church — Educational work; Presbyterian church in the U. S. A.—Educational work; Protestant Episcopal church — Educational work; Religious education; Theological seminaries and schools; Universities and colleges, Denominational.
Refer from Church, The, and education; Education; (s): Education and the church.

Church forums.
Refer from Adult education; Community churches—Educational work.

Church schools. *(G)*
See also Bishops' schools; Cathedral schools; Chancellor's schools; Chantry schools; Choristers' schools; Collegiate church schools; Daily vacation church schools; Parochial schools; Schools of religion, University; Song schools; Sunday schools.
Refer from Church education; Early Christians — Education; Education — Europe—Medieval period; Education—U. S.—Colonial period; Elementary schools; Parish schools; Private schools; Reformation, The, and educa-

Church schools—*(Continued)*
tion; Religious education; (s): Diocesan schools; Sectarian schools.

Ciceronianism.
Refer from Education—Europe—Medieval period; Latin language in the schools; Renaissance, The, and education.

Cigarettes. *See* Smoking.

Cinema in education. *See* Motion pictures in education.

Circular insanity. *See* Manic-depressive insanity.

Circulatory activities. *See* Vasomotor processes.

Cistercians—Educational work.
Refer from Benedictines—Educational work; Monasticism and education.

Citizenship education. *(G)*
See also Assemblies; Biographical method; Boy scouts; Camp-fire girls; Character education; Civics; Constitution, Instruction in; Culture and cultural values; Current events; Discipline, School; Economics; Health education; History; Humane education; Junior republics; Leadership training; Patriotism; Religious education; Safety education; School city, state, etc.; Student self-government; Welfare work—Students; World-citizenship education.
Refer from Americanization; Community-center activities; Democracy and education; Education; Immigrants in the U. S.—Education; Reformatory education; Sociology, Educational; State, The, and education; (s): Civic education; Social education; Training for citizenship.
—**Projects.**

City boards of education. *(G)*
(Include separate boards for high schools and elementary schools; also their duties, legal status, meetings, organization, number of members, method of appointment and selection, length of service, rating, and salaries)
See also Finance—City schools; Secretaries—City boards of education; Supervision of teaching—City schools; Textbooks.
Refer from Administration—City schools; Boards of education; (s): Commissioners, School; Committee, School; School boards.

City boards of education and business managers.
Refer from (s): Business managers and city boards of education.

City boards of education and superintendents.
Refer from (s): City superintendents and boards of education.

City colleges. *See* City normal schools and teachers colleges; Municipal universities and colleges.

City courses of study. *(G)*
Refer from Administration—City schools; Courses of study.

City junior colleges. *(G)*
Refer from Junior colleges.

City life and education.
Refer from Environment; (s): Education and city life.

City normal schools and teachers colleges. *(G)*
See also Monitorial systems; Normal training classes—High schools.
Refer from Municipal universities and

City normal schools and teachers colleges— *(Continued)*
colleges; Normal schools and teachers colleges; (s): City colleges.

City reports—Public schools. *(G)*
Refer from Administration—City schools; City superintendents—Public schools; Reports—Public schools.

City school administration. *See* Administration—City schools.

City school finance. *See* Finance — City schools.

City school supervision. *See* Supervision of teaching—City schools.

City schools. *(G)*
See also City schools used as a unit-of-school-organization subdivision *(U)* e.g. Finance—City schools.
Refer from Schools; (s): Ward schools, City.

City superintendents—Public schools. *(P)*
See also City reports—Public schools; Finance—City schools; Supervision of teaching—City schools; *also* City superintendents—Public schools used as a personnel subdivision *(P)* e.g. Traveling expenses—City superintendents—Public schools.
Refer from Administration—City schools; Building departments—Public schools; Business administration — Public schools; Dual systems—Public schools; Superintendents—Public schools.

City superintendents and boards of education.
See City boards of education and superintendents.

City superintendents and principals.
Refer from (s): Principals and city superintendents.

City superintendents and supervisors.
Refer from (s): Supervisors and city superintendents.

City superintendents and teachers.
Refer from (s): Teachers and city superintendents; Teachers and superintendents.

City support of education. *(G)*
Refer from Support of education.

City surveys—Public schools. *(G)*
Refer from Administration—City schools; Surveys—Public schools.

City teachers' associations. *(G)*
Refer from Teachers' associations.

City unit of school administration. *See* Administration—City schools.

Civic biology. *(S, U)*
Refer from Biology.

Civic education. *See* Citizenship education.

Civics. *(S, U)*
See also Community civics; Constitution, Instruction in; Current events; Economic civics; Vocational civics.
Refer from Citizenship education; Commercial education; Content subjects; Social sciences; (s): Civil government.

—Teaching.

—Aids and devices.
See also Junior republics; School city, state, etc.; Student self-government.

—Methods and technique.
See also Excursions—Public schools; Library method; Student themes and papers; Textbook method.

Civil engineering.
Refer from Engineering education.

Civil government. *See* Civics.

Civil rehabilitation. *See* Rehabilitation, Civil.

Civil service—Examinations. *(G)*
Refer from Competitive examinations; Examinations; Janitors — Public schools.

Civil-service education. *(G)*
Refer from Education; Public-service education.

Class day.
Refer from Graduation.

Class discussions.
Refer from Chemistry—Teaching—Methods and technique; Conversational method; Economics—Teaching—Methods and technique; Geology—Teaching—Methods and technique; Oral method; Sociology — Teaching — Methods and technique; Teaching — Methods and technique; (s): Discussion, Method of; Disputations as method.

Class grouping. *See* Homogeneous grouping.

Class organizations. *(U)*

Class periods, Length of. *See* Length of class periods.

Class-size. *(U)*
Refer from Architecture, School; Building inspection—Public schools; Health—Teachers; Student accounting; Teacher accounting; Teaching loads; (s): Classes, Size of; Size of class.

Class songs. *See* Student songs.

Class visitations. *See* Visitations, Class.

Class yells. *See* Student yells.

Classes, Size of. *See* Class-size.

Classes for atypical children. *See* Special education; *also* names of the different types of atypical children with subdivision Education, e.g. Epileptic children—Education.

Classical and non-classical students.
Refer from Intelligence—Students; Students.

Classical clubs. *(U)*
See also Latin language—Clubs.
Refer from Clubs.

Classical course.
Refer from Curricula—High schools; Curricula—Universities and colleges.

Classical education. *(G)*
See also Colleges of liberal arts; Humanism.
Refer from Education; Higher education; Liberal education; (s): Humanistic education.

Classical languages.
See also Greek language; Latin language.
Refer from Foreign languages.

Classical literature.
See also Greek literature; Latin literature.

Classification. *(P)*
—Students. *(U)*
See also Acceleration—Students; Achievement tests—Uses; Age; Age-grade-progress; Demotions—Students; Educational age and quotient; Examinations—Uses; Homogeneous grouping; Intelligence quotient; Intelligence tests—Uses; Marks—Students—Uses; Mental age; Promotions — Students; Retardation—Students; Special education.
Refer from Classroom management; Curricula; Daily programs and time schedules; Individual differences—Adjustments; Student progress; Supervision of teaching; Surveys; (s): Grades, Assignment to; Grading of students; Re-

Classification—Students—*(Continued)*
classification—Students.
—Elementary schools.
See also Cambridge plan.
Refer from (s): Classification of pupils.
—Public schools.
Refer from Administration — Public schools.

Classification of books. *(S)*
Refer from Library training.

Classification of pupils. *See* Classification—Students—Elementary schools.

Classification of tests. *See* Classification used as a test subdivision *(T)* e.g. Tests and scales—Classification.

Classroom decorations. *See* Decorations, School.

Classroom libraries.
Refer from Libraries; Libraries—Public schools; Traveling libraries.

Classroom management.
See also Absences — Students — Public schools; Administration—Student participation—Elementary schools; Attendance—Students—Public schools; Cheating; Classification—Students; Competition; Conduct and deportment; Correction of exercises; Daily programs and time schedules; Delinquent children; Disciplinary classes; Discipline, School; Economy of time; Expulsions and dismissals — Students; Fighting; Fire drills; First day of term; Habit; Hand-raising habit; Honesty education; Housekeeping—School buildings; Hygiene, Personal; Hygiene, School; Incentives; Junior republics; Lying; Monitorial systems; Morale — Students — Public schools; Motives; Opening exercises; Probation—Students; Profanity; Promptings by students; Punishments and penalties; Rewards and prizes; Routine procedures—Classrooms; School city, state, etc.; Sex education; Social psychology; Stealing; Student accounting; Student cooperation and service; Student self-government; Suspensions and reinstatements — Students; Tardiness—Students; Teachers; Weather.
Refer from Administration — Public schools; Administration—Rural schools; Character education; Teaching; (s): Alcott system; Children—Management; Control, School; Government, School; Management, School; School government.

Classroom procedures. *See* Routine procedures—Classrooms.

Classroom teachers. *See* Teachers.

Classrooms.
(Include size, designs, construction, and equipment)
See also Blackboards; Bulletin boards; Cloakrooms—School buildings; Color of walls; Decorations, School; Desks and seats; Floor space per student; Furniture—Public schools; Home rooms; Musical instruments.
Refer from Architecture, School; (s): Bookcases, School; Recitation rooms; Schoolrooms.

Classrooms, Cleanliness of. *See* Air of classroom; Sanitation—School buildings.

Clay-modeling. *(S, U)*
Refer from Art education; Arts and crafts; Geography — Teaching — Aids

Clay-modeling—*(Continued)*
and devices; Handwork; Kindergarten education; Plastic art; Pottery; Primary education; Sand tables; Sculpture; Self-activity; Teaching—Aids and devices; (s): Modeling.

Clean-up week.
Refer from Special weeks.

Cleaning systems—School buildings.
(Include apparatus and supplies)
See also Disinfection and disinfectants; Vacuum cleaning systems—School buildings.
Refer from Housekeeping—School buildings; Janitorial service—School buildings; Sanitation—School buildings; Service systems—School buildings.

Cleanliness, School. *See* Sanitation—School buildings.

Clerical education. *(G)*
See also Clerks; Files and filing.
Refer from Commercial education; Education.

Clerical tests. *See* Commercial tests.

Clerks. *(U)*
Refer from Clerical education.
—Public schools.
See also Secretaries—City boards of education.
Refer from Business administration—Public schools.

Clinical method.
(A method of teaching)
Refer from Medical education; Teaching—Methods and technique.

Clinical psychology. *(S, U)*
See also Achievement tests; Association tests; Atypical children; Backward children; Case studies; Character diagnosis; Diagnosis, Clinical; Epilepsy; Intelligence tests; Pathological method; Personality; Physiological psychology; Psychological clinics; Psychopathology; Syphilis; Temperament.
Refer from Abnormal psychology; Applied psychology; Differential psychology; Personnel service; Psychology; Sociology; (s): Psychology, Clinical.

Clinics. *(U)*
(Include eye, ear, nose, and throat clinics, orthopedic clinics, etc.; also their construction, equipment, and daily procedure)
See also Child-guidance clinics; Dental clinics; Psychological clinics.
Refer from Health service rooms; Health supervision; Personnel service; (s): Dispensaries.

Cloakrooms—School buildings.
(Include wardrobes)
See also Lockers—Public schools.
Refer from Architecture, School; Classrooms; Ventilation—School buildings.

Clocks, Program. *See* Electric clocks.

Cloister schools.
See also Convent schools.
Refer from Abbey schools; Bishops' schools; Education—Europe—Medieval period; Monasticism and education; Schools.

Clothing. *(P, S)*
Refer from Home-economics education; Hygiene, Personal.
—Students. *(U)*
See also Footwear—Students; Open-air schools; Uniforms—Students.
Refer from Health—Students; Health supervision.

Clubs. *(G)*
(Social and educative)
See also Agricultural clubs; Athletic clubs; Boarding clubs; Book clubs; Booster clubs; Boys' clubs; Classical clubs; Cosmopolitan clubs; Faculty clubs; Girls' clubs; Greek letter societies; Health clubs; Music study clubs; Study clubs; Teachers' clubs; University clubs; Women's clubs—Educational work; *also* Clubs used as a school-subject subdivision *(S)* e.g. Art—Clubs.
Refer from Associations; Extra-curricular activities; Student life; Teaching—Aids and devices; (s): Societies.

Coaches and coaching (academic) *See* Tutors and tutoring.

Coaches and coaching (athletics) *(U)*
See also Athletic training; Coaching schools (athletics)
Refer from Athletics; Physical directors and teachers; (s): Athletic directors.

Coaches and coaching (dramatics) *(U)*
Refer from Dramatics.

Coaching schools (athletics)
Refer from Coaches and coaching (athletics)

Coats of arms. *(U)*
Refer from Insignia.

Cockfighting in schools.
Refer from Festivals; Student life—History.

Codes of ethics. *(P)*
Refer from Ethics.
—Teachers.
Refer from Professional ethics (education)

Codes of morals, Children's.
(Include creeds and oaths used in character training)
Refer from Character education.

Coeducation. *(U)*
(Meaning joint education of both sexes at one institution)
See also Adolescence; Curricula—Differentiation; Sex differences; Sex segregation in education.
Refer from Democracy and education; Economies; Equalization, Educational; Women—Education.
—Universities and colleges. *(G)*
Refer from Higher education.

Coeducation (race) *(U)*
See also Negroes in the U. S.—Education; Race segregation in education.
Refer from (s): Race coeducation.

Coefficients of correlation.
(*r*; include computation, interpretation, reliability, and uses)
See also Coefficients of reliability; Probable error.
Refer from Correlation; Tests and scales—Reliability; (s): Correlation coefficients.

Coefficients of regression.
Refer from Regression; (s): Regression coefficients.

Coefficients of reliability.
Refer from Coefficients of correlation; Tests and scales—Reliability; (s): Reliability coefficients.

Cold spots. *See* Warm and cold spots.

Colds.
Refer from Communicable diseases; Throat—Diseases and defects.

Collateral reading. *See* Supplementary reading.

Collecting instincts. *See* Acquisitiveness.

Collective consciousness. *See* Social psychology.

College advertising. *See* Publicity—Universities and colleges.

College annuals. *See* Student annuals—Universities and colleges.

College associations. *See* Associations—Universities and colleges.

College athletics. *See* Athletics—Universities and colleges.

College buildings. *See* Buildings—Universities and colleges; *also* College buildings used as a subdivision under architectural subjects, e.g. Heating—College buildings.

College cheers. *See* Student yells—Universities and colleges.

College colors. *See* Colors—Universities and colleges.

College commencements. *See* Commencements—Universities and colleges.

College course, Length of. *See* Length of course—Universities and colleges.

College credit for high-school work. *See* Advanced credits.

College credits. *See* Credits and credit systems—Universities and colleges.

College deans. *See* Deans of colleges; Deans of men; Deans of women.

College degrees. *See* Degrees, Academic.

College drama. *See* Dramatics—Universities and colleges; Plays—Universities and colleges.

College education. *See* Higher education.

College employment bureaus. *See* Employment bureaus—Students—Universities and colleges.

College entrance examinations. *See* Entrance examinations — Universities and colleges.

College entrance requirements. *See* Entrance requirements — Universities and colleges.

College ethics. *See* Student ethics—Universities and colleges.

College faculties. *See* Faculties—Universities and colleges.

College fees. *See* Fees—Universities and colleges.

College fraternities. *See* Greek letter societies—Universities and colleges.

College graduates. *See* Graduates—Universities and colleges.

College journalism. *See* Journalism—Universities and colleges.

College libraries. *See* Libraries—Universities and colleges.

College life. *See* Student life—Universities and colleges.

College men. *See* Graduates (men)—Universities and colleges; Students (men)—Universities and colleges.

College periodicals. *See* Newspapers and periodicals—Universities and colleges; Student newspapers and periodicals—Universities and colleges.

College plays. *See* Plays—Universities and colleges.

College poetry. *See* Student verse—Universities and colleges.

College preparatory departments. *See* Academies; Preparatory schools.

College presidents. *See* Presidents—Universities and colleges.

College professors. *See* Teachers—Universities and colleges.

College registrars. *See* Registrars—Universities and colleges.

College secret societies. *See* Greek letter societies—Universities and colleges.

College settlements. *See* University settlements.

College slang. *See* Student slang—Universities and colleges.

College societies. *See* Associations—Universities and colleges; Student organizations and societies—Universities and colleges.

College songs. *See* Student songs—Universities and colleges.

College spirit. *See* Morale—Students—Universities and colleges.

College sports. *See* Athletics—Universities and colleges.

College standards. *See* Standards—Universities and colleges.

College stories. *See* Stories—Universities and colleges.

College students. *See* Students—Universities and colleges.

College teachers. *See* Teachers—Universities and colleges.

College teaching. *See* Teaching—Universities and colleges.

College theatricals. *See* Dramatics—Universities and colleges.

College verse. *See* Student verse—Universities and colleges.

College women. *See* Graduates (women)—Universities and colleges; Students (women)—Universities and colleges.

—Health. *See* Health—Students (women)—Universities and colleges.

College year, Length of. *See* Length of year—Universities and colleges.

College yells. *See* Student yells—Universities and colleges.

Colleges and universities. *See* Universities and colleges.

Colleges for men. *See* Universities and colleges (men)

Colleges for women. *See* Universities and colleges (women)

Colleges of commerce.

(Include colleges maintained by universities and schools of commerce of collegiate rank)

See also Commercial high schools.

Refer from Commercial education; Universities — Colleges; (s): Business schools; Commercial schools.

Colleges of education.

Refer from Normal schools and teachers colleges; Teacher training—Universities and colleges; Universities—Colleges; (s): Educational colleges.

Colleges of liberal arts.

Refer from Classical education; Universities—Colleges; Universities and colleges, Denominational.

Colleges of science.

Refer from Universities—Colleges.

Colleges of universities. *See* Universities—Colleges.

Collegiate church schools.
See also Song schools.
Refer from Church schools; Education—Europe—Medieval period; Elementary schools; Schools.

Collegiate education of women. *See* Universities and colleges (women); Women—Higher education.

Colloquies.
Refer from Conversational method—History; Direct method (foreign languages); Education—U. S.—Colonial period; Latin language—Teaching—History; Renaissance, The, and education.

Color.
(Include achromatic and chromatic qualities, brightness, color-circle, color intensity, hue, color mixing, and saturation)
See also Color blindness; Color of walls; Color work; Synesthesia.
Refer from Eye; Visual sensations; (s): Brightness of color.

Color and hearing. *See* Synesthesia.

Color blindness.
See also Color discrimination tests.
Refer from Blindness; Color; Eye—Diseases and defects; (s): Daltonism.

Color discrimination tests.
See also names of specific tests, e.g. Holmgren test. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Color blindness; Visual tests.

Color hearing. *See* Synesthesia.

Color of walls.
Refer from Architecture, School; Classrooms; Color; Decorations, School; Eye—Care and hygiene; Hygiene of instruction; Stairways and corridors—School buildings; (s): Walls, Color of.

Color work. *(S, U)*
(Studies in the theory of color)
Refer from Art education; Color.

Colored children in the U. S.—Education. *See* Negroes in the U. S.—Education.

Colored schools. *See* Negro schools and colleges.

Colors. *(U)*
Refer from Insignia.
—Universities and colleges.
Refer from Insignia—Universities and colleges; (s): College colors; Universities and colleges—Colors.

Columbus day.
(Include exercises and celebrations)
Refer from Special days.

Columnal spelling.
Refer from Spelling—Teaching—Methods and technique; (s): List spelling.

Combined method. *See* Eclectic method.

Commencements. *(U)*
(Include addresses, exercises, programs, etc.)
See also Diplomas.
Refer from Convocations; Graduation; Special days.
—High schools.
Refer from (s): High-school commencements.
—Universities and colleges.
Refer from Universities and colleges; (s): College commencements.

Commercial arithmetic. *(S, U)*
Refer from Accounting; (s): Arithmetic,

Commercial arithmetic—*(Continued)*
Business; Arithmetic, Commercial; Business arithmetic.

Commercial art. *(S, U)*
(Include show-card writing and window trimming)
See also Lettering; Poster designing.
Refer from Art education; (s): Art, Commercial.

Commercial arts. *(G)*
(Non-vocational commercial education; consult commercial education for references to commercial subjects)
Refer from Practical-arts education.

Commercial contests.
Refer from Contests.

Commercial correspondence. *(S, U)*
Refer from Business English; Letter writing.

Commercial education. *(G, U)*
See also Accountancy education; Accounting; Advertising; Banking; Bookkeeping; Business ability; Business colleges; Business English; Business practice; Business spelling; Civics; Clerical education; Colleges of commerce; Commercial high schools; Corporation schools; Correspondence schools and courses; Economics; Evening schools; Handwriting; Office practice; Part-time education; Poster designing; Proofreading; Public speaking; Salesmanship; Salesmanship training; Secretarial education; Secretarial technique; Stenography; Transportation; Typewriting.
Refer from Education; Gilds, Medieval—Educational work; Vocational education; Young men's Christian associations—Educational work; Young women's Christian associations—Educational work; (s): Business education.

—Costs. *(U)*
Refer from Costs and expenditures.

—Teacher training. *(G)*
Refer from Teacher training.

Commercial education and business.
(The attitude and cooperation of business toward instruction in its own field)
Refer from (s): Business and commercial education.

Commercial English. *See* Business English.

Commercial French. *(S, U)*
Refer from French language; (s): Business French.

Commercial geography. *(S, U)*
Refer from Geography; (s): Economic geography; Geography, Commercial; Industrial geography; Political geography.

Commercial German. *(S, U)*
Refer from German language; (s): Business German.

Commercial high schools.
(Include commercial courses and departments in high schools)
See also Secretarial training courses and schools.
Refer from Colleges of commerce; Commercial education; High schools; Schools; (s): Commercial schools.

Commercial history. *(S, U)*
Refer from History; (s): History, Commercial.

Commercial laboratories.
(Include rooms for banking, bookkeeping, stenography, typewriting, etc.)
Refer from Laboratories.

—Equipment and supplies.

Commercial law. *(S, U)*
Refer from (s): Business law.

Commercial schools. *See* Colleges of commerce; Commercial high schools.

Commercial Spanish. *(S, U)*
Refer from Spanish language; (s): Business Spanish.

Commercial teachers. *(G)*
Refer from Special teachers; Teachers.

Commercial tests. *(T)*
See also names of commercial school subjects with subdivision Tests and scales, e.g. Typewriting—Tests and scales; *also* names of specific tests, e.g. Blackstone's stenographic proficiency test. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Tests and scales; Vocational tests; (s): Business tests; Clerical tests.

Commissioners, School. *See* City boards of education; County boards of education; State superintendents—Public schools.

Commissions, Educational.
(Special boards or committees whose purposes are to investigate and report upon pertinent issues)
See also Textbook commissions; *also* names of special commissions. N. B. Names of commissions are not included in this List. Insert when needed.
Refer from Research, Educational; Sociology, Educational.

Commissures. *See* Brain; Spinal cord.

Committee, School. *See* City boards of education.

Common law and education.
See also Bishops' schools; Dissenters—Educational work.
Refer from Education—England—History.

Common school funds. *See* Permanent funds—Public schools.

Common schools. *See* Elementary schools; Public schools.

Commons and unions.
(Establishments at institutions of higher learning for student club and dining privileges)
Refer from Board and lodging—Students—Universities and colleges; Cafeterias—Universities and colleges; Student life—Universities and colleges; (s): Dining halls—Universities and colleges; Unions.

Communicable diseases.
See also Chickenpox; Colds; Croup; Diphtheria; Disease carriers; Disease prevention; Disinfection and disinfectants; Dust (classroom); Exclusion from school; Grippe; Infantile paralysis; Measles; Mumps; Scarlet fever; Skin diseases; Smallpox; Trachoma; Tuberculosis; Typhoid fever; Whooping cough.
Refer from Boards of health and schools; Diseases and defects—Students; Health—Students; Health departments—Public schools; Health education; Health record systems; Health supervision; Medical inspection; Quarantine; (s): Contagious diseases; Epidemics; Infectious diseases; Transmissable diseases.

Community and college.
(Ways in which the community as a whole may aid the school in its development)
Refer from Administration—Universities and colleges.

Community and school.
(Ways in which the community as a whole may aid the school in its development)
See also Americanization; Community-center activities—Public schools; Excursions—Public schools; Exhibits, Industrial; Gardens, School; Home and school; Morale — Students — Public schools; Motion pictures; Parent-teacher associations; Publicity — Public schools; Savings banks—Public schools; Scouts and scouting; Special days; Visitations, Class; Week-day religious education.
Refer from Administration — Public schools; Curricula; Society and education; Sociology, Educational; (s): Community cooperation; Cooperation — School and community; Education and the community.

Community and teachers. *(U)*
Refer from (s): Teachers and community.

Community-center activities. *(U)*
See also Athletics; Citizenship education; Concerts; Evening schools; Lectures and lecture courses; Playgrounds; Swimming.
Refer from Adult education; Education—Theories and principles; Sociology, Educational; (s): Centers, Community; Recreation centers; Social centers.

—Costs. *(U)*

—Public schools.
Refer from Costs and expenditures—Public schools.

—Public schools.
(Ways in which the school plant and its teaching staff may be utilized by the community for its educational and social advancement)
See also Americanization; Branch libraries — Public schools; Exhibits — Public schools; Mothers' meetings; Parent-teacher associations.
Refer from Auditoriums—Public schools; Community and school; Socialized schools; (s): Schools as social centers; Wider use of school plant.

—Rural schools.

Community churches—Educational work.
See also Church forums; Physical education.
Refer from Church education.

Community civics. *(S, U)*
Refer from Civics; Social sciences.

Community cooperation. *See* Community and school.

Community high schools. *See* Consolidated schools.

Community life as curricula.
Refer from Curricula.

Community singing.
Refer from Adult education; Musical education; Singing.

Community use of buildings. *(U)*
Refer from (s): Buildings—Community use.

Companion class plan. *See* Platoon plan; Sacramento plan.

Comparative costs. *(U)*
See also Unit-costs.
Refer from Costs and expenditures; Finance.

Comparative method.
(The testing of different individuals or classes to discover differences in ability)
See also Achievement tests; Intelligence tests.

Comparative method—*(Continued)*
Refer from Experimental psychology; Supervision of teaching; Surveys.

Comparative psychology. *(S, U)*
See also Animal psychology; Ethnopsychology; Social psychology.
Refer from Psychology; (s): Psychology, Comparative.

Comparison.
(Philosophical connotations)
Refer from Induction; Judgment; Knowledge; Learning; Memory; Number, Psychology of.

Comparison, Method of.
Refer from English language—Teaching—Methods and technique; Errors—Methods of correction; Spelling—Teaching—Methods and technique; Teaching—Methods and technique.

Comparison and abstraction (recitation)
(Third step in the method of the recitation)
Refer from Recitation, Method of; (s): Association (recitation)

Compensating errors. *See* Errors of measurement.

Competition.
(Nature and function)
See also Contests; Exhibits — Public schools; Fatigue; Games; Rewards and prizes.
Refer from Character education; Child study; Classroom management; Incentives; Instincts; Interest; Learning; Social psychology; Teaching—Methods and technique; (s): Emulation; Fighting instinct; Rivalry.

Competitions. *See* Contests.

Competitive examinations.
See also Civil service—Examinations.
Refer from Examinations.

Completion tests.
(Type of test or examination)
See also Picture completion tests.
Refer from Recall tests; Tests—Types.

Complication.
(Philosophical and psychological connotations)
Refer from Memory; Senses and sensation.

Composite tests.
Refer from Survey tests; Tests and scales.

Composition (art) *(S, U)*
Refer from Architecture; Art education; Structural method.

Composition (English) *See* English language—Composition; Oral composition.

Composition (music) *(S)*
Refer from Music.

Composition (rhetoric)
See also Composition used as a subdivision under names of languages, e.g. Latin language—Composition.

Composition scales. *See* English language—Composition—Tests and scales.

Comprehension in reading.
See also Thought-getting method.
Refer from Reading; Silent reading.

Comprehensive high schools. *See* Cosmopolitan high schools.

Compulsory education. *(G)*
See also Census, School; Continuation schools; Curricula — Differentiation; Employment certificates; Exclusion from school; Expulsions and dismissals—Students; Juvenile courts; Mentally

Compulsory education—*(Continued)*
deficient—Education; Parental schools; Part-time education; Physically handicapped—Education; School age; Special education; Student employment; Vocational education.
Refer from Attendance—Students—Public schools; Child labor and education; Child study; Child welfare; Education; Elementary education; Illiteracy; Laws and legislation—Public schools; Sociology, Educational; State, The, and education; State administration—Public schools; Women's clubs—Educational work; (s): Attendance, Compulsory.
—**Costs.** *(U)*
Refer from Costs and expenditures.
—**History.**

Compulsory school age. *See* School age.

Compulsory vaccination. *See* Vaccination.

Computation tables.
See also Age—Computation.
Refer from Statistical methods.

Conaesthesia. *See* Synesthesia.

Conation. *See* Will.

Concentration.
(Nature and function)
Refer from Analysis and synthesis; Attention; Coordination; Courses of study—Theories and principles; Drill; Experimental methods; Interest; Study; Teaching—Theories and principles.

Concentration of schools. *See* Consolidation of schools.

Concentric circle method. *See* Spiral method.

Concepts and conception.
(Philosophical and psychological connotations)
See also Ideas and ideation; Meaning.
Refer from Generalization; Hypothesis; Idealism; Judgment; Learning; Logic; Mind; Philosophy; Pragmatism; Realism.

Concert recitation.
(Oral class exercise)
Refer from Arithmetic—Teaching—Methods and technique; Drill; Memorizing; Music—Teaching—Methods and technique; Oral method; Teaching—Methods and technique; (s): Rote teaching; Unison class exercises.

Concerts.
Refer from Adult education; Community-center activities; Esthetic education; Recreation.

Concrete and abstract. *See* Abstract and concrete.

Conditional promotions. *See* Promotions, Probationary.

Conditioned responses.
See also Reacting mechanisms.
Refer from Behaviorism; Reactions; Reflexes; (s): Responses.

Conduct and deportment. *(P)*
(Include philosophical and psychological connotations)
See also Boys; Character; Courtesy and etiquette; Girls; Weather; Will—Education.
Refer from Behavior; Character education; Classroom management; Discipline, School; Education—Aims and objectives; Ethics; (s): Deportment.

Conesthesia. *See* Synesthesia.

Conferences, Personal. *See* Interviews and conferences.

Conferences and conventions, Educational. *(G)*
See also Programs; *also* Conferences and conventions used as a form subdivision *(F)* e.g. Principals — High schools — Conferences and conventions.
Refer from Associations, Educational; Professional growth (education); (s): Congresses, Educational; Conventions, Educational; Meetings, Educational.

Confinement as punishment. *See* Punishments and penalties.

Conflict.
(Philosophical connotations)
See also Attention; Impulse.
Refer from Adjustment; Evolution; Learning; Self-activity; Thought and thinking.

Confucianism and education.
Refer from Education — Theories and principles; (s): Non-Christian religions and education.

Congregational churches—Educational work.
See also Schools of religion, University; Theological seminaries and schools; Universities and colleges, Denominational.
Refer from Church education.

Congresses, Educational. *See* Conferences and conventions, Educational.

Conjunctivitis.
Refer from Eye—Diseases and defects.

Consciousness.
(Include conscious states and processes)
See also Activity; Attention; Behavior; Emotions; Epiphenomenon; Feelings; Ideas and ideation; Images and imagery; Impulse; Introspection; Judgment; Memory; Motor ability; Percepts and perception; Reason and reasoning; Recognition; Senses and sensation; Streams of consciousness; Thought and thinking; Will.
Refer from Experimental methods; Habit; Introspective psychology; Mind and body; Psychology; Purposive psychology; Reaction psychology.

Conservatories of music. *See* Music schools and conservatories.

Consolidated schools. *(G)*
See also Township high schools; Union high schools.
Refer from Consolidation of schools; High schools; Rural schools; Schools; (s): Centralized schools; Community high schools; Rural high schools.

Consolidation of schools.
See also Consolidated schools; Supervising principals; Transportation — Students.
Refer from Administration — Public schools; Centralization of control; Equalization, Educational; Publicity—Rural schools; Rural education; (s): Concentration of schools.

—Costs.
Refer from Costs and expenditures—Rural schools.

Constant errors. *See* Errors of measurement.

Constants in curricula. *See* Curricula—Constants.

Constitution, Instruction in.
(Include educational provision for)

Constitution, Instruction in—*(Continued)*
See also Constitution week.
Refer from Citizenship education; Civics.

Constitution week.
Refer from Constitution, Instruction in; Special weeks.

Construction of buildings. *See* Buildings—Construction.

Construction of courses of study. *See* Courses of study—Construction.

Construction of tests. *See* Construction used as a test subdivision *(T)* e.g. Tests and scales—Construction.

Construction work. *(S, U)*
See also Cardboard construction; Silent reading—Seatwork—Primary grades.
Refer from Arts and crafts; Handwork—Primary grades.

Constructive geometry. *(S, U)*
Refer from Geometry.

Constructive imagination. *See* Imagination.

Constructiveness.
Refer from Instincts.

Consular-service education. *See* Diplomatic and consular-service education.

Consumers' arithmetic. *(S, U)*
Refer from Arithmetic.

Contagious diseases. *See* Communicable diseases.

Content subjects.
See also Civics; English language—Composition; English literature; Geography; History; Nature study; Science.
Refer from Curricula; Form and content.

Contests. *(U)*
See also Art memory contests; Athletics; Commercial contests; Debates and debating; Declamatory contests; Oratorical contests; *also* Contests used as a school-subject subdivision *(S)* e.g. Spelling—Contests.
Refer from Competition; Extra-curricular activities; Student life; Tournaments; (s): Competitions.

—High schools.
See also High-school week.

—Public schools.
(Include interscholastic contests)
See also Athletics, Interscholastic; Athletics, Intramural; Essay contests; Music memory contests; Scholarship contests.
Refer from (s): School contests.

—Universities and colleges.
(Include intercollegiate contests)
See also Athletics, Intercollegiate; Athletics, Intramural; Regattas.

Contextual method.
(Used in teaching the meaning of new words)
See also Dictation, Method of.
Refer from English language—Teaching—Methods and technique; Reading—Teaching — Methods and technique; Spelling—Teaching—Methods and technique; Teaching—Methods and technique; Word recognition.

Contingencies. *(U)*
(Expenditures resulting from errors, accidents, theft, neglect, etc.)
Refer from Costs and expenditures.

Continuation schools. *(G)*
(Include classes; a type of part-time school devised to instruct juvenile workers in regular academic subjects; attendance is compulsory)
Refer from Administration—City schools; Attendance—Students—Public schools; Child labor and education; Compulsory education; Part-time education; Part-

Continuation schools—*(Continued)*
time schools; Practical-arts education; (s): General part-time schools.

Continuous publicity. *(U)*
See also Athletics; Newspapers and periodicals; Student publications.
Refer from Publicity.

—Public schools.
Refer from Publicity—Public schools.

Continuous sessions—Public schools. *See* All-year schools.

Continuous sessions—Universities and colleges. *See* Four-quarter plan.

Contract letting. *(U)*
Refer from Contracts.

—Public schools.
See also Building contracts — Public schools.

Contractility.
Refer from Animal psychology; Motor processes.

Contracts. *(P)*
See also Building contracts; Contract letting.
Refer from Business administration.

—Janitors.
Refer from (s): Janitors—Contracts.

—Teachers. *(U)*
Refer from (s): Teachers—Contracts.

—Public schools.

Contrast.
(Nature and function)
Refer from Attention; Gestalt psychology; Induction; Learning; Teaching—Methods and technique.

Control.
(Philosophical and psychological connotations)
Refer from Adaptation; Adjustment; Attention; Environment; Evolution; Habit; Instincts; Learning; Pragmatism; Self-activity; Stimulus and response; Thought and thinking; (s): Self-control.

Control, School. *See* Administration—Public schools; Classroom management.

Control groups.
Refer from Experimental methods; Research, Educational.

Controversial literature. *See* Controversial literature used as a form subdivision *(F)* e.g. Bible reading—Public schools—Controversial literature.

Convent education. *(G)*
See also Convent schools.
Refer from Catholic church—Educational work; Education; Monasticism and education; Women—Education.

Convent schools. *(G)*
Refer from Catholic church—Teaching orders; Chivalric education; Cloister schools; Convent education; Education—Europe—Medieval period; Parochial schools; Schools; (s): Nunnery schools.

Conventions, Educational. *See* Conferences and conventions, Educational.

Convergence.
Refer from Eye movements.

Conversation.
See also Culture and cultural values.
Refer from Home, The, and education; Language and languages; Self-education.

Conversational method.
See also Class discussions.
Refer from Modern languages—Teaching

Conversational method—*(Continued)*
—Methods and technique; Oral methods; Teaching—Methods and technique; (s): Direct method.
—History.
See also Colloquies.

Conveyance of students. *See* Transportation —Students.

Convocations. *(U)*
See also Assemblies; Commencements.
—Universities and colleges.
See also Chapel exercises.

Convulsions.
See also Spasms.
Refer from Epilepsy; Hydrocephalous; Movement disorders; Nervous system—Diseases.

Cookery. *See* Cooking.

Cooking. *(S, U)*
Refer from Cooking schools; Home-economics education; (s): Cookery; Foods (school subject)

Cooking schools. *(G)*
See also Cooking.
Refer from Home-economics education; Schools.

Cooperation — School and community. *See* Community and school.

Cooperation—School and home. *See* Home and school.

Cooperative education. *(G)*
(Students rotate between the shop, farm, or home and the school on some alternation or division of time; they receive the salary of regular apprentices)
See also Antioch college plan; Apprentices —Education; Cooperative schools; University of Cincinnati plan.
Refer from Education; Industrial education; (s): Cooperative industrial education.

Cooperative government, School. *See* Administration—Student participation; Student self-government.

Cooperative industrial education. *See* Cooperative education.

Cooperative schools. *(G)*
(Include individual classes)
Refer from Cooperative education; Industry and education; Part-time education; Schools; (s): Shop and school.

Cooperative teaching.
(Team-work between teachers)
Refer from Teaching.

Coordination.
(Psychological connotations)
See also Ataxia; Concentration; Diffusion.
Refer from Habit; Handwriting—Psychology; Learning; Muscles; Nervous system; Reading—Psychology.

Coordination tests.
Refer from Psychological tests.

Coordinators.
Refer from Departmental plan; Platoon plan; Supervisors—Public schools.

Copy setting.
Refer from Handwriting — Teaching — Aids and devices.

Copying.
Refer from English language—Composition — Teaching — Methods and technique; Memorizing; Spelling—Teaching—Methods and technique; Teaching —Methods and technique.

Core of the curriculum. *See* Curricula—Constants.

Corkboards.
See also Bulletin boards.
Refer from Apparatus—Public schools.

Corporal punishment. *(G)*
(Include hygiene of)
See also Age; Mental age; Physiological age; Special education.
Refer from Punishments and penalties; Suicides — Students — Elementary schools; (s): Flogging; Punishment, Corporal; Whipping.

—Laws and legislation. *(G)*

Corporation schools. *(G)*
("School maintained by a business concern, quite independent of outside control, for the purpose of fitting its new employees for efficient service or for the further training of its older employees.")
See also Foremanship classes; Plant schools; Vestibule schools.
Refer from Commercial education; Industrial education; Schools.

Correction of errors, Methods of. *See* Errors —Methods of correction.

Correction of exercises.
(Include effects on teachers, methods used, and assistance of pupils)
Refer from Classroom management; Teaching; Teaching loads; (s): Marking of papers.

Correction of speech defects. *See* Speech defects—Correction.

Correctional education. *See* Reformatory education.

Corrective gymnastics. *(S, U)*
(Include orthopedic, therapeutic, and medical gymnastics)
Refer from Physical education; (s): Games, Corrective; Gymnastics, Corrective; Medical gymnastics; Therapeutic gymnastics.

Corrective teaching. *See* Remedial instruction; *also* Remedial instruction used as a school-subject subdivision *(S)* e.g. Arithmetic—Remedial instruction.

Correlation.
(Simple)
See also Coefficients of correlation; Correlation tables; Errors of measurement; Multiple correlation; Partial correlation; Regression; *also* Correlation used as a test subdivision *(T)* e.g. Tests and scales—Correlation.
Refer from Prognosis; Statistical methods; Test scores.

—Graphic representation.
Refer from Graphic methods.

Correlation coefficients. *See* Coefficients of correlation.

Correlation of abilities.
(Between specific mental abilities, between abilities in school subjects, between special mental capacities and general intelligence, between mental and physical traits, between early and later mental abilities, e.g. school and college standings, etc.)
See also Marks—Students—Correlation; Test scores and students' marks; Test scores and teachers' judgments.
Refer from Ability; Psychology, Educational.

Correlation of school subjects.
(Incidental and systematic)
See also Analysis and synthesis; Apperception; Isolation; *also* Correlation with other subjects used as a school-subject subdivision *(S)* e.g. Arithmetic—Correlation with other subjects.

Correlation of school subjects—*(Continued)*
Refer from Courses of study—Differentiation; Courses of study—Theories and principles; Daily programs and time schedules; Economy of time; Festivals; Incidental education; Quincy plan; Teaching—Methods and technique; Teaching—Theories and principles; Transfer of training; (s): Integration of studies.

Correlation of tests. *See* Correlation used as a test subdivision *(T)* e.g. Tests and scales—Correlation.

Correlation tables.
Refer from Correlation; Statistical methods.

Correspondence between tests. *See* Tests and scales—Correlation.

Correspondence schools and courses.
See also Chautauquas.
Refer from Adult education; Commercial education; Extension education; Industrial education; Pharmaceutical education; Schools; Self-education; Teacher training; Teacher training in service; Teaching—Methods and technique; University extension; Vocational education.

Corresponding points.
Refer from Binocular vision; Visual perception.

Corridors—School buildings. *See* Stairways and corridors—School buildings.

Cortex. *See* Brain.

Cosmopolitan clubs.
Refer from Clubs; Foreign students in the U. S.; Student organizations and societies—Universities and colleges.

Cosmopolitan high schools.
(High schools which offer various types of education in one building, e.g. academic, commercial, industrial, etc.)
Refer from High schools; Schools; (s): Comprehensive high schools.

Cost analysis.
Refer from Costs and expenditures.

Cost of living.
See also Index numbers.
Refer from Expenses; Salaries.

Costs and expenditures. *(U)*
See also Agricultural education—Costs; Art education—Costs; Board and lodging—Students; Buildings—Costs; Capital outlay; Commercial education—Costs; Comparative costs; Compulsory education—Costs; Contingencies; Cost analysis; Debt service; Dental clinics—Costs; Equipment—Costs; Health education—Costs; Home-economics education—Costs; Industrial education—Costs; Instructional costs; Insurance; Kindergarten education—Costs; Maintenance—Plants; Medical inspection—Costs; Musical education—Costs; Operation—Plants; Pensions and retirement systems—Teachers; Physical education—Costs; Sinking funds; Supplies—Costs; Textbooks—Costs; Transportation—Students; Traveling expenses; Unit-costs; Wages; *also* Costs used as a subdivision under special subjects, e.g. Community-center activities—Costs.
Refer from Finance; Financial accounting; Liabilities; (s): Expenditures for education; Fixed charges.

—City schools.
Refer from Finance—City schools.

Costs and expenditures—*(Continued)*
—**Public schools.**
See also Community-center activities—Costs—Public schools; Elementary education—Costs; Equipment—Costs—Public schools; Instructional costs—Public schools; Intermediate education—Costs; Lunches, School; Milk service—Public schools; Rents — Buildings — Public schools; Secondary education—Costs; Special education—Costs; Traveling expenses—Teachers; Tuition fees—Public schools; Unit-costs — Public schools; Wages — Engineers — Public schools; Wages—Janitors—Public schools.
Refer from Finance—Public schools; Financial accounting—Public schools.
—**Rural schools.**
See also Consolidation of schools—Costs.
—**Universities and colleges.**
Refer from Finance—Universities and colleges; Higher education—Costs.

Costs per student. *See* Unit-costs per student.

Costume design. *(S, U)*
Refer from Art education; Design; Home-economics education; (s): Dress design; Dressmaking.

Costumes, Academic. *See* Academic costumes.

Councils. *See* Student councils; Teachers' councils.

Counseling systems. *(U)*
See also Educational guidance; Student advisers and counselors; Vocational guidance.
Refer from Personnel service; (s): Guidance programs; Vocational counseling.
—**Public schools.**
Refer from (s): Guidance departments—Public schools.

Counselors. *See* Student advisers and counselors.

Counterpoint. *(S)*
Refer from Music.

Country day schools. *(G)*
Refer from Experimental schools; Private schools; Schools.

Country life and education.
See also Nature.
Refer from Environment; (s): Education and country life.

Country schools. *See* Rural schools.

County administration—Public schools. *(G)*
See also Centralization of control; Certification—Teachers; County boards of education; County courses of study; County finance—Public schools; County normal schools; County superintendents—Public schools; County supervision of teaching; County-unit plan; District administration—Public schools; Division system; Examination systems — Students; Examination systems — Teachers; Registration—Teachers; Teachers' institutes; Textbook commissions; Textbooks—Adoption; Township administration—Public schools.
Refer from Administration — Public schools; State administration — Public schools; (s): Parish administration—Public schools.

County adoption of textbooks. *See* Textbooks—Adoption.

County agricultural schools. *See* Agricultural high schools.

County aid for education. *See* County appropriations for education.

County appropriations for education. *(G)*
See also Apportionment of school funds.
Refer from Appropriations — Public schools; County finance—Public schools; County support of education; County-unit plan; Teachers' institutes; (s): County aid for education.

County boards of education.
(Include their duties, legal status, meetings, organization, number of members, method of appointment and selection, length of service, rating, and salaries)
See also Textbooks.
Refer from Boards of education; County administration — Public schools; (s): Commissioners, School.

County courses of study. *(G)*
Refer from County administration—Public schools; Courses of study.

County examination systems. *See* Examination systems—Students; Examination systems—Teachers.

County farm bureaus.
(Include county farm agents and home demonstration agents)
Refer from Agricultural extension; Home-economics extension.

County finance—Public schools.
See also County appropriations for education; County financial reports—Public schools; County-unit plan; Taxation for education.
Refer from County administration—Public schools; Finance—Public schools.

County financial reports—Public schools. *(G)*
Refer from County finance — Public schools; Financial reports — Public schools.

County high schools. *(G)*
Refer from Boarding schools; High schools; Schools.

County libraries. *(G)*
See also Traveling libraries.
Refer from Libraries.

County normal schools. *(G)*
Refer from County administration—Public schools; Normal schools and teachers colleges; Rural education—Teacher training; (s): County training schools.

County reports—Public schools. *(G)*
Refer from Reports—Public schools.

County superintendents—Public schools.
(Include their duties, legal status, methods of appointment and selection, qualifications, etc.)
See also County supervisors — Public schools; *also* County superintendents—Public schools used as a personnel subdivision *(P)* e.g. Salaries — County superintendents—Public schools.
Refer from County administration—Public schools; County supervision of teaching; Elections, School; Superintendents —Public schools; (s): Division superintendents.

County superintendents and teachers.
Refer from (s): Teachers and county superintendents; Teachers and superintendents.

County supervision of teaching.
See also County superintendents—Public schools; Examination systems — Students; Supervision of teaching—Rural schools.

County supervision of teaching—*(Continued)*
Refer from County administration—Public schools; Supervision of teaching—Public schools.

County supervisors—Public schools.
Refer from County superintendents—Public schools; Supervisors—Public schools.

County support of education.
See also County appropriations for education.
Refer from Support of education.

County surveys—Public schools. *(G)*
Refer from Surveys—Public schools.

County teachers' associations. *(G)*
Refer from Teachers' associations.

County training schools. *See* County normal schools.

County-unit plan.
See also County appropriations for education.
Refer from County administration—Public schools; County finance — Public schools.

Course, Length of. *See* Length of course.

Courses, Balanced. *See* Balanced courses.

Courses of study. *(U)*
(Amount and kind of work offered in the different school subjects)
See also Assignments, Lesson; Balanced courses; City courses of study; County courses of study; Instructional materials; State courses of study; Textbooks; Unit courses; *also* Courses of study used as a school-subject subdivision *(S)* e.g. Spelling—Courses of study; *also* used as a subdivision under types of education, e.g. Physical education—Courses of study.
Refer from Administration — Public schools; Bureaus of educational research — Public schools; Curricula; Daily programs and time schedules; Educational guidance; Programs of studies; State, The, and education; Supervision of teaching; Teaching loads; (s): Study, Courses of; Subject-matter.

—Construction.
See also Activity analysis; Education—Aims and objectives; Elimination of subject-matter; Functional analysis; Interviews and conferences; Job analysis; Minimum essentials; Questionnaires; *also* Aims and objectives used as a school-subject subdivision *(S)* e.g. Arithmetic—Aims and objectives.
Refer from (s): Construction of courses of study.

—Teacher participation.
Refer from Teacher participation; Teacher training in service.

—Yearbooks.

—Differentiation.
See also Correlation of school subjects; Courses of study—Enrichment; Elimination of subject-matter; Extra-work plan; Special education.
Refer from Individual differences—Adjustments; Teaching — Theories and principles; (s): Differentiated courses of study.

—Enrichment.
Refer from Courses of study—Differentiation; Mentally superior — Education; (s): Enrichment of courses of study.

—Theories and principles.
See also Concentration; Correlation of

Courses of study—Theories and principles— *(Continued)*
school subjects; Culture and cultural values; Form and content; Heredity, Social; Humanism; Recapitulation theory; Sociology, Educational.
Refer from Education—Theories and principles; Scientific movements in education.

Courtesy and etiquette. *(S)*
Refer from Character education; Chivalric education; Conduct and deportment; Gentry and nobles—Education; Realism in education; Renaissance, The, and education; Social guidance; Social realism; (s): Manners.

Courtly academies.
Refer from Academies; Education—England—15th–16th centuries; Gentry and nobles—Education; (s): Courtly education.

Courtly education. *See* Courtly academies; Gentry and nobles—Education; Princes—Education.

Coyness. *See* Bashfulness.

Cradle rolls—Sunday schools. *See* Sunday schools—Cradle rolls.

Crafts. *See* Arts and crafts.

Cramming.
Refer from Examinations; Memory; Teaching—Methods and technique.

Craniometry.
Refer from Anthropology; Anthropometry; Growth, Physical; (s): Cephalic index; Facial angle.

Crayon drawing. *(S, U)*
Refer from Drawing.

Creative activities. *(U)*

Creative education.

Creativeness.

Crèches. *See* Nursery schools; Orphanage schools.

Credit financiering. *See* Bonded indebtedness.

Credit for advanced work. *See* Advanced credits.

Credit for effort.
Refer from Effort; Marks—Students.

Credit for home work. *See* Home credits.

Credit for outside work.
(Refers to credits earned by work with private teachers and in evening or summer schools)
Refer from Credits and credit systems; Summer schools; (s): Outside work and credit.

Credit for quality.
Refer from Marks — Students; (s): Weighted credits.

Credit for quantity.
Refer from Marks—Students.

Credit for teaching.
(Meaning academic credit)
Refer from Credits and credit systems—Universities and colleges; Teaching.

Credits and credit systems. *(U)*
See also Credit for outside work; Marking systems; Point systems.
Refer from Student accounting; (s): Evaluation of credits; Units of credit; Validation of credits.

—Universities and colleges.
See also Advanced credits; Credit for teaching.
Refer from Entrance requirements—Universities and colleges; (s): Carnegie units; College credits.

Cretinism.
See also Thyroid glands.
Refer from Idiots and idiocy; Mentally deficient; Nervous system—Diseases.

Cribbing. *See* Cheating.

Cricket.
Refer from Athletic fields; Athletics.

Crime and education.
See also Juvenile delinquency; Punishments and penalties; Reformatory education.
Refer from Home, The, and education; Illiteracy; Sociology, Educational; (s): Education and crime.

Criminal psychology. *(S, U)*
See also Juvenile delinquency; Sex anomalies; Suicides—Students.
Refer from Social psychology.

Criminality in children. *See* Juvenile delinquency.

Criminals—Education.
See also Criminals—Industrial training; Prison schools.
Refer from Reformatory education; Sociology, Educational; (s): Illiterates, Criminal—Education.

Criminals—Industrial training.
Refer from Criminals—Education; Industrial education.

Crippled adults—Education. *See* Rehabilitation, Civil.

Crippled children.
See also Physical defects.
Refer from Children; Physically handicapped; (s): Deformity—Students.

—Education. *(G)*
See also Home schools; Orthopedic classes; Transportation—Students.
Refer from Special education; (s): Cripples—Education.

Cripples—Education. *See* Crippled children—Education; Rehabilitation, Civil.

Critic teachers.
Refer from Practice teaching; Supervision of teaching; Teacher training; Teachers.

Criticism and interpretation. *See* Criticism and interpretation used as a biographical subdivision *(B)* e.g. Pestalozzi, Johann Heinrich—Criticism and interpretation. N. B. Names of persons are not included in this List. Insert when needed.

Criticisms. *(U)*
(Use this heading for criticisms in general; criticisms of specific features of schools should be entered under the special subject)
See also Criticisms used as a subdivision under educational subjects, e.g. Curricula—Public schools—Criticisms.
Refer from (s): Education—Criticisms; Education, Criticisms of.

—Public schools.
Refer from (s): Public schools—Criticisms; Shortcomings of the schools.

Cross education.
Refer from Habit; Memory; Practice; Psychology, Educational; (s): Bilateral transfer; Habits, Transfer of; Practice, Transfer of; Transfer of habits; Transfer of practice.

Croup.
Refer from Communicable diseases; Diphtheria; Throat—Diseases and defects.

Cultural education. *See* Liberal education.

Culture and cultural values.
See also Development; Theory and practice.
Refer from Books and reading; Citizenship education; Conversation; Courses of study—Theories and principles; Education — Aims and objectives; Humanism; Humanism and naturalism; Learning and scholarship; Liberal education; Neohumanism; Sociology, Educational.

Culture and utility. *See* Liberal and vocational educations.

Culture-epoch theory. *See* Recapitulation theory.

Cumulative errors. *See* Errors of measurement.

Cumulative record cards.
Refer from Student accounting—Record systems.

Curiosity.
Refer from Attention; Instincts; Interest; Learning.

Current events. *(S, U)*
Refer from Citizenship education; Civics; Economics; History; (s): Topics, Current.

—Teaching—Aids and devices.
See also Newspapers and periodicals—Uses.

Curricula. *(U)*
(School subjects systematically arranged for different groups of students through a number of years. N. B. Under this heading it has seemed better procedure to arrange the *(U)* subdivisions before the other subdivisions)
See also Adolescence; All or none principle; Balanced courses; Child study; Classification — Students; Community and school; Community life as curricula; Content subjects; Courses of study; Economy of time; Elective systems; Expressive subjects; Extra-curricular activities; Fads and frills, Educational; Formal subjects; Fundamentals; Group-system of courses; Humanism and naturalism; Isolation; Parallel courses; Play; Project curricula; Recapitulation theory; Short courses; Specialization; Study preferences; Transfer of training; Unit courses; *also* Curricula used as a subdivision under types of education, e.g. Physical education—Curricula.
Refer from Administration; Building programs; Educational guidance; Formal education; Programs of studies; Reports; State, The, and education; Surveys; Teaching loads.

—Elementary schools.
See also Cambridge plan.

—High schools.
See also Classical course.
Refer from (s): High schools—Curricula.

—Junior colleges.
Refer from (s): Junior colleges—Curricula.

—Junior high schools.
See also Exploratory courses.
Refer from (s): Junior high schools—Curricula.

—Normal schools and teachers colleges.
Refer from (s): Normal schools and teachers colleges—Curricula.

—Platoon schools.
Refer from (s): Platoon schools—Curricula.

Curricula—*(Continued)*

—Public schools.

Refer from Building programs — Public schools; Reports—Public schools.

—Criticisms.

—Universities and colleges.

See also Classical course; Degrees, Academic; Elective systems — Universities and colleges; Four-quarter plan; Group-system of courses—Universities and colleges; Honors courses; Length of course — Universities and colleges; Majors and minors; Orientation courses —Universities and colleges; Preprofessional education.

Refer from Administration—Universities and colleges; (s): Universities and colleges—Curricula.

—Constants.

(Courses required of all students)

Refer from (s): Constants in curricula; Core of the curriculum; Curricula—Prescriptions; Mandatory school subjects; Preferential studies; Prescribed studies; Required subjects.

—Differentiation.

(Include flexibility)

See also Backward children—Education; Curricula—Enrichment; Dull children —Education; Homogeneous grouping; Mentally deficient—Education; Mentally superior — Education; Physically handicapped—Education; Santa Barbara plan; Sex differences.

Refer from Coeducation; Compulsory education; Equalization, Educational; Individual differences — Adjustments; Student accounting; Student advisers and counselors; (s): Differentiated curricula.

—Enrichment.

Refer from Curricula—Differentiation; Mentally superior — Education; (s): Enrichment of curricula.

—Overcrowding.

Refer from (s): Overcrowding of curricula.

—Prescriptions. *See* Curricula—Constants.

—Theories and principles.

See also Socialization of education.

Refer from Education—Theories and principles; Sociology, Educational.

—Variables.

(Those courses which admit specialization and personal choice within a curriculum or curricula)

Refer from Elective systems; (s): Electives; Optional subjects; Variables in curricula.

Curves of forgetting.

Refer from Forgetting; Learning; Memory; Retention.

Curves of improvement. *See* Curves of learning.

Curves of learning.

(Amount, rate, and limit of improvement brought about by practice)

See also Plateaus of learning; Speed.

Refer from Experimental psychology; Learning; Memory; (s): Curves of improvement; Improvement, Rate of; Learning, Rate of; Learning curves; Levels of development; Practice curves; Rate of learning.

Curves of work.

(Include initial spurt, end spurt, spurt after fatigue, spurt after disturbance, warming up, and adaptation)

Refer from Fatigue, Mental; (s): Work curves.

Custodial service rooms. *(U)*
—Public schools.
Refer from Architecture, School; Engineers—Public schools; Janitors—Public schools.

Custodians, School. *See* Janitors — Public schools.

Custom.
(Nature and function)
Refer from Behavior; Social psychology.

Cutaneous sensations.
(Mechanical sensations of pressure and pain and the thermal sensations of warmth and cold)
See also Anesthesia and anesthesias; Hyperesthesia; Pain; Paresthesia; Tactual sensations; Warm and cold spots.
Refer from Sense organs; Senses and sensation; (s): Skin.

Cyclopedias, Educational. *See* Encyclopedias, Educational.

D

Daily inspection.
Refer from Disease prevention; Health supervision — Public schools; Medical inspection; (s): Health examinations.

Daily programs and time schedules. *(P, U)*
(Include program-making procedure)
See also Classification—Students; Correlation of school subjects; Courses of study; Education—Aims and objectives; Extra hours; Fatigue, Mental; Free periods; Length of class periods; Order of school subjects; Recitations; Study periods; Time allotments.
Refer from Administration — Public schools; Classroom management; Improvability; Programs of studies; Room schedules; Supervision of teaching—Public schools; Surveys—Public schools; Teaching loads; (s): Daily schedules; Programs, Daily; Time schedules; Working programs.

Daily schedules. *See* Daily programs and time schedules.

Daily vacation Bible schools. *See* Daily vacation church schools.

Daily vacation church schools.
Refer from Church schools; Religious education; Schools; Vacation schools; (s): Bible schools; Daily vacation Bible schools; Vacation church schools.

Dairy schools. *(G)*
Refer from Agricultural education; Schools.

Dairying. *(S, U)*
Refer from Animal husbandry.

Dalton laboratory plan. *See* Dalton plan.

Dalton plan.
Refer from Individual differences—Adjustments; Individual instruction; (s): Dalton laboratory plan.

Daltonism. *See* Color blindness.

Dame schools.
See also Nursery schools.
Refer from A-B-C schools; Education—History; Education—U. S.—Colonial period; Primary education; Private schools; Schools.

Dampproofing—School buildings. *See* Waterproofing—School buildings.

Dancing. *(S, U)*
(Include gymnastic, natural, and rhythmic dancing)
See also Dancing schools; Folk-dancing.
Refer from Festivals; Physical education.

Dancing, Social. *(U)*
(Include controversial literature as to the propriety of this type of dancing in schools)
Refer from Recreation; Social functions and activities; (s): Social dancing.

Dancing schools.
Refer from Dancing; Schools.

Danish language.
Refer from Modern languages; Scandinavian languages.

Dark rooms.
Refer from Laboratories.

Daughters of the presentation — Educational work.
Refer from Catholic church—Teaching orders.

Day, Length of school. *See* Length of session.

Day nurseries. *See* Nursery schools.

Day schools. *(G)*
Refer from Private schools; Schools.

Daydreams. *See* Imagination.

Days, Special. *See* Special days.

Deaf.
See also Blind-deaf; Deafness; Hard-of-hearing.
Refer from Children; Physically handicapped; (s): Deaf and dumb; Deaf-mutes; Dumb.

—Education. *(G)*
(Include classes for)
Refer from Special education.

—Methods of instruction.
See also Lip reading; Rhythm; Sign language.
Refer from Teaching—Methods and technique.

—Schools and institutions. *(G)*
See also Oral-deaf schools.
Refer from Institutional schools; Schools.

Deaf and dumb. *See* Deaf.

Deaf-blind. *See* Blind-deaf.

Deaf-mutes. *See* Deaf.

Deafness.
(Peripheral and mental)
See also Auditory perception; Mutism.
Refer from Blind-deaf; Deaf; Ear—Diseases and defects; Hard-of-hearing.

Deans of colleges.
Refer from Administration—Universities and colleges; Student advisers and counselors—Universities and colleges; Universities—Colleges; (s): Administrators, Educational; College deans.

Deans of girls.
Refer from Student advisers and counselors—Public schools; (s): Administrators, Educational; Girls' advisers.

Deans of men.
Refer from Administration—Universities and colleges; Personnel service—Universities and colleges; Student advisers and counselors—Universities and colleges; (s): Administrators, Educational; College deans.

Deans of women.
Refer from Administration—Universities and colleges; Personnel service—Universities and colleges; Student advisers and counselors—Universities and colleges; (s): Administrators, Educational; College deans.

Deaths—Students. *See* Mortality—Students.

Deaths—Teachers. *See* Mortality—Teachers.

Debates and debating. *(U)*
Refer from Contests; Dialectic; Extra-curricular activities; Libraries; Public speaking; Renaissance, The, and education; Speech education; University extension; (s): Argumentation; Discussion, Method of; Forensics.

Debt service. *(U)*
See also Interest (indebtedness); Sinking funds.

Debt service—*(Continued)*
Refer from Costs and expenditures.

Debts. *(U)*
See also Bonded indebtedness; Loans (short-term)
Refer from Liabilities; (s): Indebtedness.

Deciles. *See* Percentiles.

Decision.
(Nature and function)
See also Choice.
Refer from Will.

Declamation. *See* Declamatory contests; Elocution; Orations and oratory; Public speaking.

Declamatory contests.
Refer from Contests; Elocution; Speech education; (s): Declamation.

Decoration day. *See* Memorial day.

Decorations, School.
(Include pictures, photographs, drawings, statuary, etc.)
See also Color of walls.
Refer from Art education; Auditoriums—Public schools; Classrooms; Kindergarten rooms; Stairways and corridors—School buildings; (s): Art in the classroom; Classroom decorations; Frescoes, School; Pictures as school decorations; Plants as school decorations; Schoolroom decorations.

Decorations of honor, Academic.
Refer from Honors—Universities and colleges.

Dedication—Buildings. *(U)*
(Include programs)
Refer from (s): Buildings—Dedication.

Deduction.
See also Abstraction; Analysis and synthesis; Induction; Proof.
Refer from Induction and deduction; Learning; Logic; Mathematics; Reason and reasoning; Research, Educational; Study; Teaching—Types; Thought and thinking.

Deductive method.
See also Association; Topical method; Verification.
Refer from Development method; Sociology—Teaching—Methods and technique; Teaching—Methods and technique.

Defectives. *See* Mentally deficient; Physically handicapped; Unstable children.

Deferred instincts. *See* Instincts.

Defining, Method of.
(Mode of giving meaning to new words)
See also Meaning.
Refer from Reading—Teaching—Methods and technique; Spelling—Teaching—Methods and technique; Teaching—Methods and technique; Word recognition.

Definition (recitation) *See* Generalization (recitation)

Deformity—Students. *See* Crippled children; Spinal curvature.

Degeneracy—Students. *See* Juvenile delinquency; Nervous system—Diseases.

Degrading. *See* Demotions.

Degrees, Academic.
See also Bachelors' degrees; Degrees in course; Diplomas; Doctors' degrees; Graduation requirements—Universities and colleges; Honorary degrees; Honors degree systems; Masters' degrees.

Degrees, Academic—*(Continued)*
Refer from Administration—Universities and colleges; Curricula — Universities and colleges; Higher education; (s): Academic degrees; College degrees; University degrees.

—Purchased and forged.
Refer from (s): Bogus degrees; Purchased and forged degrees.

Degrees in course.
("Advanced degrees which are conferred at specified periods on graduates in good standing, without evidence of advanced attainments.")
Refer from Degrees, Academic.

Delinquent children.
See also Juvenile courts; Psychological clinics; Truants and truancy.
Refer from Attendance departments — Public schools; Backward children; Children; Classroom management; Dull children; Juvenile delinquency; Mentally deficient; Unstable children; (s): Incorrigible children; Moral defectives; Moral deviates; Problem children; Unmanageable children.

—Education.
See also Delinquent children—Industrial training; Detention schools; Disciplinary classes; Parental schools; Reform schools.
Refer from Reformatory education; Special education.

—Industrial training.
Refer from Delinquent children—Education; Industrial education.

Delirium.
See also Amnesia; Hallucinations.
Refer from Alcohol and alcoholism; Psychoses.

Delsarte system. *See* Elocution; Gymnastics; *also* Delsarte, François — Educational theories and methods. N. B. Names of persons are not included in this List. Insert when needed.

Delusions.
(Mistakes in judgments)
Refer from Environment; Fixed ideas; Ideas and ideation; Insanity and insanities; Judgment; Paranoia; Phobia and phobias; Psychoses.

Demand for teachers. *See* Teachers—Supply and demand.

Demand for universities and colleges. *See* Universities and colleges—Supply and demand.

Dementia. *See* Dementia precox; Insanity and insanities.

Dementia precox.
See also Catalepsy; Echolalia; Echopraxia; Hallucinations; Mania and manias; Mutism; Stupor.
Refer from Adolescence; Insanity and insanities; (s): Dementia.

Democracy and education.
See also Administration—Student participation; Administration — Teacher participation; Americanization; Citizenship education; Coeducation; Equalization, Educational; Individual differences; Individuality; Initiative; Physically handicapped—Education; Special education.
Refer from Education—Theories and principles; Pietism and education; Sociology, Educational; (s): Education and democracy; Universal education.

Demonology.
Refer from Myths and mythology; Social psychology.

Demonstration. *See* Proof.

Demonstration, Method of.
(Teaching in which the instructor gives the demonstration)
See also Experiments, Teaching by.
Refer from Lecture-demonstration method; Medical education — Teaching — Methods and technique; Natural sciences — Teaching — Methods and technique; Objective method; Physics—Teaching—Methods and technique; Teaching — Methods and technique.

Demonstration agents.
Refer from Agricultural extension; Farm demonstration work; Health education.

Demonstration lessons.
(Demonstrations in teaching methods and procedures)
Refer from Observation of teaching; Practice teaching; Supervision of teaching; Teacher training; Teacher training in service; (s): Model lessons.

Demonstration schools. *See* Laboratory schools.

Demonstration trains.
Refer from Agricultural extension; Home-economics extension.

Demotions. *(P)*
Refer from (s): Degrading.
—Students. *(U)*
Refer from Age-grade-progress; Classification—Students; Student accounting.

Dendrites. *See* Neurones.

Denominational colleges and universities. *See* Universities and colleges, Denominational.

Dental clinics. *(U)*
(Include designs, construction, and equipment; also the maintenance of only dental chairs)
Refer from Clinics; Health service rooms; Teeth—Examinations.
—Costs. *(U)*
Refer from Costs and expenditures.

Dental education. *(G)*
See also State dental examinations.
Refer from Education; Professional education.

Dental hygiene. *See* Teeth—Care and hygiene.

Dental inspection. *(U)*
(Include costs)
Refer from Teeth—Examinations.

Dentists. *(U)*
—Public schools.
Refer from Health departments—Public schools.

Department heads. *See* Heads of departments.

Department of education—U. S. *See* United States. Department of education (proposed)

Departmental plan. *(U)*
(The idea of both departmental organization and teaching is combined in this entry)
See also Coordinators; Departmental teachers; Platoon plan.
Refer from Administration—City schools; Teaching.

Departmental teachers.
Refer from Departmental plan; Teachers.

Departments of education—Universities and colleges.
Refer from Normal schools and teachers colleges; Teacher training—Universities and colleges; Universities and col-

Departments of education—Universities and colleges—*(Continued)*
leges—Departments; (s): Educational departments in colleges.

Departments of education, State. *See* State boards of education.

Departments of universities and colleges. *See* Universities and colleges—Departments.

Dependent children.
Refer from Child welfare; Children.

—Education. *(G)*
See also Charity schools; Orphans—Education; Poor-law schools.
Refer from (s): Abandoned children—Education; Destitute children—Education; Indigent children—Education; Poor children—Education.

Deportment. *See* Conduct and deportment.

Depreciation.

—Buildings. *(U)*
Refer from Appraisal—Buildings; Depreciation—Plants; (s): Buildings—Depreciation.

—Equipment. *(U)*
Refer from Appraisal—Equipment; Depreciation—Plants; Equipment.

—Grounds. *(U)*
Refer from Appraisal—Grounds; Depreciation—Plants; Grounds.

—Plants. *(U)*
See also Depreciation—Buildings; Depreciation—Equipment; Depreciation—Grounds.
Refer from Appraisal—Plants; Liabilities; Plants.

Depression, Mental. *See* Melancholia.

Depth. *See* Space perception.

Deputy superintendents. *See* Assistant superintendents—Public schools.

Derangement, Mental. *See* Psychoses.

Derived scores. *See* Test scores.

Design. *(S, U)*
(Include decorative and industrial design)
See also Costume design.
Refer from Art education; Arts and crafts; Drawing; (s): Art, Decorative.

—Teaching—Methods and technique.
See also Form study.

Desire.
Refer from Behavior; Effort; Learning; Will.

Desks and seats.
See also Floor space per student; Spinal curvature.
Refer from Classrooms; Drawing—Hygiene; Eye—Care and hygiene; Furniture—Public schools; Handwriting—Hygiene; Health—Students; Hygiene of instruction; Posture; Reading—Hygiene; (s): Seating; Seats.

Destitute children—Education. *See* Dependent children—Education.

Detention as punishment. *See* Punishments and penalties.

Detention schools.
(Classes maintained for children who are awaiting trial or are being held as witnesses)
Refer from Delinquent children—Education; Juvenile courts; Philanthropy, Educational; Reformatory education; Schools.

Determination of age. *See* Age—Computation.

Determinism, Educational.
(Non-freedom of will; educational and philosophical connotations)

Determinism, Educational—*(Continued)*
See also Capacities; Habit; Heredity; Plasticity.
Refer from Education—Theories and principles; Nature and nurture; Will; (s): Educational determinism; Necessitarianism.

Development.
(Nature and function)
See also Evolution; Growth, Physical; Mental development; Moral development.
Refer from Culture and cultural values; Differential psychology; Education—Aims and objectives; Education—Theories and principles; Enlightenment and education; (s): Growth; Harmonious development.

Development method.
(Acquisition of facts through student's own activity)
See also Analysis and synthesis; Deductive method; Inductive method; Recitation, Method of.
Refer from Teaching—Methods and technique; Teaching—Types; (s): Indirect method of teaching.

Developmental psychology. *See* Genetic psychology.

Deviation of measures. *See* Variability and dispersion, Measures of.

Deviations. *See* Individual differences.

Devices in teaching. *See* Teaching—Aids and devices; *also* Teaching—Aids and devices used as a school-subject subdivision *(S)* e.g. Spelling—Teaching—Aids and devices.

Devotional exercises. *(U)*
Refer from (s): Exercises, Devotional.
—**Public schools.**
See also Bible reading—Public schools.
Refer from Assemblies — Elementary schools; Opening exercises.
—Universities and colleges. *See* Chapel exercises.

Dextrality. *See* Left- and right-handedness.

Diacritical method.
Refer from Oral reading; Phonic method; Reading — Teaching — Methods and technique; Spelling—Teaching—Methods and technique; Teaching—Methods and technique; (s): Letter method.

Diagnosis.
See also Diagnosis tests; *also* Diagnosis used as a school-subject subdivision *(S)* e.g. Reading—Diagnosis.
Refer from Diagnostic education.

Diagnosis, Clinical.
(Method and procedure as used in case studies; include schema for history-taking and examinations)
Refer from Case studies; Clinical psychology.

Diagnosis tests. *(T)*
See also Tests and scales used as a school-subject subdivision *(S)* e.g. Arithmetic—Tests and scales; *also* names of specific tests, e.g. Charter's language tests for pronouns. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Achievement tests; Diagnosis; Diagnostic education; Education—Aims and objectives—Ascertainment; Educational guidance; Survey tests; Tests and scales; (s): Diagnostic tests; Inventory tests.

Diagnostic education.
See also Diagnosis; Diagnosis tests; Remedial instruction.
Refer from Education.

Diagnostic tests. *See* Diagnosis tests.

Diagraming.
Refer from English language—Grammar—Teaching—Aids and devices.

Diagrams. *See* Charts; Graphic methods.

Dialectic.
(Philosophical signification)
See also Debates and debating.
Refer from Education — Theories and principles; Learning; Logic.

Dictation, Method of.
Refer from Contextual method; English language — Composition — Teaching — Methods and technique; Handwriting—Teaching—Methods and technique; Oral method; Spelling—Teaching — Methods and technique; Teaching—Methods and technique.

Dictionaries, Educational.

Dictionaries, Teaching use of.
Refer from English language—Pronunciation; Reference books, Teaching use of; Spelling—Teaching—Aids and devices.

Didactic method.
(Information concerning facts given directly to students)
See also Lecture method; Textbook method.
Refer from Character education—Methods of instruction; Oral method; Teaching—Methods and technique; Teaching—Types; (s): Direct method; Instruction (direct teaching)

Didactics. *See* Teaching.

Diet of students. *See* Nutrition—Students.

Dietetics. *(S, U)*
Refer from Home-economics education.

Differential calculus. *See* Calculus.

Differential education. *See* Special education.

Differential psychology.
(The nature, distribution, correlations, and causes of individual differences)
See also Adaptation; Age; Backward children; Characterology; Child study; Clinical psychology; Development; Dull children; Environment; Genius; Growth, Physical; Handwriting; Heredity; Imitation; Individual differences; Individuality; Intelligence; Mental tests; Mentally deficient; Mentally superior; Motor ability; Objective method; Personal equation; Phrenology; Racial differences; Self; Senescence; Sex differences; Special abilities.
Refer from Psychology, Educational; Social psychology; (s): Individual psychology.

Differentiated courses of study. *See* Courses of study—Differentiation.

Differentiated curricula. *See* Curricula—Differentiation.

Differentiation of work. *See* Individual differences—Adjustments.

Difficulty tests. *See* Power tests.

Diffusion.
Refer from Coordination; Instincts; Learning; Nervous system.

Dining halls—Universities and colleges. *See* Cafeterias—Universities and colleges; Commons and unions; Halls of residence—Universities and colleges.

Diocesan schools. *See* Church schools.

Dioptrics. *See* Optics.

Diphtheria.
(Include Schick test)
See also Croup; Toxins and antitoxins.
Refer from Communicable diseases; Throat—Diseases and defects.

Diplomas.
Refer from Commencements; Degrees, Academic.

Diplomatic and consular-service education.
Refer from Education; Public-service education; (s): Consular-service education; Foreign-service education.

Direct method. *See* Conversational method; Didactic method; Lecture method.

Direct method (foreign languages)
See also Colloquies; Question and answer method.
Refer from Latin language—Teaching—Methods and technique; Modern languages—Teaching—Methods and technique; Teaching—Methods and technique.

Directed learning. *See* Supervised study.

Directed play. *See* Supervised play.

Directed study. *See* Supervised study.

Directories. *(G, P, U)*

Directors—Public schools. *See* Boards of education; State superintendents—Public schools.

Directors of research. *(U)*
Refer from Bureaus of educational research.

Disabled — Education. *See* Rehabilitation, Civil.

Disagreeableness. *See* Feelings.

Disbursements. *See* Liabilities.

Disciples of Christ—Educational work.
(If preferred, the various branches of this denomination may receive separate treatment)
See also Schools of religion, University; Theological seminaries and schools; Universities and colleges, Denominational.
Refer from Church education.

Disciplinary classes.
Refer from Attendance departments — Public schools; Classroom management; Delinquent children—Education; Discipline, School; Parental schools; Punishments and penalties; Reformatory education; Special education.

Discipline.
(Nature and function; training whether physical, mental, or moral; contains, sometimes, a phase of inhibition)
See also Discipline, School; Mental discipline.
Refer from Education—Aims and objectives; Education—Theories and principles; (s): Self-control.

Discipline, Formal. *See* Transfer of training.

Discipline, Mental. *See* Mental discipline.

Discipline, School.
(The maintenance of order within the school group)
See also Conduct and deportment; Disciplinary classes; Extra-curricular activities; Home and school; Imitation; Interviews and conferences; Monitorial systems; Morale — Students — Public schools; Motivation in education; Punishments and penalties; Rewards and prizes; Student life; Student self-gov-

Discipline, School—*(Continued)*
ernment; Study periods; Substitutional method.
Refer from Administration — Public schools; Character education; Citizenship education; Classroom management; Discipline; Parents and teachers; Sociology, Educational; (s): Children—Management; Management, School.

Discovery, Method of. *See* Experiments, Teaching by; Heuristic method; Inductive method.

Discrimination.
(Psychological connotations)
See also Auditory discrimination; Visual discrimination.
Refer from Analysis and synthesis; Intelligence; Percepts and perception.

Discussion, Method of. *See* Class discussions; Debates and debating.

Disease carriers.
(Human carriers as well as flies, mosquitoes, rats, and mice)
Refer from Communicable diseases; Health—Students.

Disease prevention.
See also Daily inspection; Disinfection and disinfectants; Exclusion from school; Hygiene, Personal; Inoculation; Sanitation—School buildings.
Refer from Communicable diseases; Diseases and defects—Students; Health—Students; Health education; Health supervision; Hygiene, School; (s): Prevention of disease; Preventive medicine.

Diseases and defects—Students.
See also Communicable diseases; Disease prevention; Ear—Diseases and defects; Exclusion from school; Eye—Diseases and defects; Goitre; Nervous system—Diseases; Nose—Diseases and defects; Physical defects; Psychoneuroses; Psychoses; Skin diseases; Speech defects; Teeth—Diseases and defects; Throat—Diseases and defects; Tonsils—Diseases and defects; *also* names of diseases, e.g. Tuberculosis.
Refer from Health—Students; Morbidity—Students; (s): Children—Diseases.

Disgust.
Refer from Emotions.

Dishonesty. *See* Honesty education; Lying; Stealing.

Disinfection and disinfectants.
Refer from Cleaning systems — School buildings; Communicable diseases; Disease prevention; Janitorial service—School buildings; Quarantine; Sanitation—School buildings; (s): Fumigation.

Dismissals. *See* Expulsions and dismissals.

Dispensaries. *See* Clinics.

Dispersion, Measures of. *See* Variability and dispersion, Measures of.

Disputations as method. *See* Class discussions; Seminar method.

Dissenters—Educational work.
See also Academies.
Refer from Catholic church—Educational work; Common law and education; Education—England—History; Reformation, The, and education.

Dissertations, Academic.
Refer from Graduation requirements—Universities and colleges; (s): Academic dissertations; Theses.

Dissociation.
Refer from Abstraction; Amnesia; Association; Insanity and insanities; Learning; Rationalization; Subconscious mind.

Distraction. *See* Attention.

Distribution and collection of papers. *See* Routine procedures—Classrooms.

Distribution of school funds. *See* Apportionment of school funds.

Distribution of scores. *See* Frequency distributions; Test scores—Distribution.

Distribution of students. *See* Age-grade-progress; Student progress.

Distribution of students' marks. *See* Marks—Students—Distribution.

Distribution tables and surfaces. *See* Frequency tables and surfaces.

District administration—Public schools.
See also Administration—Rural schools; District boards of education; District finance—Public schools; District meetings; Supervision of teaching—Rural schools.
Refer from Administration — Public schools; County administration—Public schools; (s): District school administration; Local school administration.

District boards of education.
See also Rural schools.
Refer from Boards of education; District administration—Public schools.

District finance—Public schools.
Refer from District administration—Public schools; Finance—Public schools.

District meetings.
Refer from District administration—Public schools.

District school administration. *See* District administration—Public schools.

District schools. *See* Rural schools.

Districts, School.
Refer from Townships, School; (s): School districts.

Diversity in educational opportunities. *See* Equalization, Educational.

Divided schools.
Refer from Education—New England—History; Education — U. S.—Colonial period; Moving schools; Rural schools; Schools.

Divinity schools. *See* Theological seminaries and schools.

Division.
(Methods of computing)
Refer from Arithmetic; Checks on computations; Mathematics.

Division superintendents. *See* County superintendents—Public schools.

Division system.
(Type of school administration)
Refer from County administration—Public schools; Education—Kentucky; Education—Tennessee.

Dizziness. *See* Vertigo.

Docility.
(Capacity for learning in its widest sense)
See also Plasticity.
Refer from Animal psychology; Infancy; Learning; Psychology, Educational.

Doctorates. *See* Doctors' degrees.

Doctors' degrees.
Refer from Degrees, Academic; (s): Doctorates.

Doctrine of mental states. *See* Mental states, Doctrine of.

Domestic arts. *See* Household arts.

Domestic economy. *See* Home-economics education.

Domestic science. *See* Home-economics education.

Domestic-service education.
Refer from Education; Vocational education; Vocational home economics.

Dominicans—Educational work.
Refer from Education — Europe — Medieval period; Monasticism and education; (s): Friars—Educational work.

Doors—School buildings.
(Entrance and interior)
Refer from Architecture, School; (s): Entrances—School buildings.

Dormitories. *See* Halls of residence.

Double images.
Refer from Eye—Diseases and defects; Visual perception.

Double sessions. *See* Half-day sessions.

Double-track system. *See* Parallel courses.

Doubt.
(Psychological and philosophical connotations)
Refer from Belief; Judgment; Skepticism.

Drafting. *(S, U)*
(Include architectural drafting, blueprinting, etc.)
See also Lettering.
Refer from Architecture; Geometry; Mechanical drawing.

Drafting rooms. *See* Drawing rooms.

Drainage—School buildings.
Refer from Buildings — Construction — Public schools; Foundations — School buildings; Waterproofing—School buildings.

Drama, Academic. *See* Dramatics—Universities and colleges; Plays—Universities and colleges.

Drama, Student. *See* Student drama.

Drama in education.
(Meaning the part which drama has played in education historically as well as its function now; the broad concept of the subject)
See also Theater, The, and education.
Refer from Dramatic education; Education—History; Renaissance, The, and education.

Dramatic education.
See also Acting; Drama in education; Dramatics; Dramatization; Elocution; Plays.
Refer from Education.

Dramatics. *(U)*
(Dramatic performances and theatricals staged by students)
See also Acting; Children's theater; Coaches and coaching (dramatics)
Refer from Dramatic education; Extracurricular activities; Festivals; People's institutes; Recreation—Students; Student life; (s): Amateur theatricals.

—Elementary schools.
See also Children's plays; Plays—Elementary schools.
Refer from (s): School drama.

—High schools.
See also Plays—High schools.
Refer from (s): High-school dramatics; School drama.

—Universities and colleges.
See also Plays—Universities and colleges.

Dramatics—Universities and colleges—*(Continued)*
Refer from (s): College drama; College theatricals; Drama, Academic; University drama.

Dramatization.
See also Acting; *also* Dramatization used as a school-subject subdivision *(S)* e.g. English literature—Dramatization.
Refer from Dramatic education; Extra-curricular activities; Festivals; Object teaching; Objective method; Oral method; Self-activity; Teaching—Methods and technique; (s): Impersonations.

Drawing. *(S, U)*
See also Blackboard drawing; Crayon drawing; Design; Drawing instruments; Freehand drawing; Illustrative drawing; Lettering; Map drawing; Mechanical drawing; Nature drawing; Object drawing; Observation; Pastel drawing; Pen and ink drawing.
Refer from Architecture; Art; Art education; Arts and crafts; Expressive subjects; Manual training; Painting; Sculpture; Self-activity.

—Exhibits.

—Hygiene.
See also Desks and seats; Drawing rooms; Eye—Care and hygiene; Lighting—School buildings; Posture.

—Practice.

—Teaching.

—Methods and technique.
See also Form study.

Drawing instruments.
Refer from Apparatus—Public schools; Drawing.

Drawing rooms.
Refer from Drawing—Hygiene; (s): Drafting rooms; Mechanical drawing rooms.

Dreams and dream states.
See also Association; Hallucinations; Illusions; Nightmares; Psychoanalysis.
Refer from Imagination; Sleep; Subconscious mind.

Dress design. *See* Costume design.

Dressmaking. *See* Costume design; Sewing.

Drifters. *See* Dull children.

Drill.
(Systematic, mechanical, and incidental; purpose is fixation of associated idea or form which is correct from the first and of which the mind will always be more or less aware)
See also Association; Concentration; Concert recitation; Interest; Repetition; *also* Drill used as a school-subject subdivision *(S)* e.g. Arithmetic—Drill.
Refer from Habit; Learning; Memorizing; Recitations; Teaching—Methods and technique; Teaching—Types.

Drill, Military. *See* Military drill.

Drills, Athletic. *See* Gymnastics.

Drinking cups.
Refer from Drinking facilities—School buildings; Health education.

Drinking facilities—School buildings.
See also Drinking cups; Drinking fountains; Plumbing.
Refer from Water supply systems—School buildings.

Drinking fountains.
Refer from Drinking facilities—School buildings.

Drug habit. *See* Narcotics and narcotic habits.

Dual personality.
Refer from Personality; Psychoses; Self; Subconscious mind.

Dual systems—Public schools.
(Refers to: (1) separate administration of academic and industrial instruction; (2) two boards of education for the same territory, one for elementary schools, the other for high schools; (3) coordination of the positions of city superintendent and business manager)
See also Boards of education; Business managers—Public schools; City superintendents—Public schools; Industrial education.
Refer from Administration — Public schools.

Dualism.
(Philosophical connotations)
See also Logic; Mind and body.
Refer from Education—Theories and principles; Humanism and naturalism; Idealism and realism; Monism; Philosophy.

Dubs. *See* Dull children.

Ductless glands. *See* Glands, Ductless.

Dueling in universities.
Refer from Student life—Universities and colleges.

Dull children.
(Those whose mental dullness is innate)
See also Delinquent children.
Refer from Atypical children; Children; Differential psychology; Individual differences; Intelligence; Retardation — Students; (s): Drifters; Dubs; Dullards; Laggards; Over-age children; Repeaters; Retarded children; Slow children; Stupid children; Subnormal children.
—Education. *(G)*
See also After-school classes; Summer camps—Educational work; Ungraded rooms; Vacation schools.
Refer from Curricula — Differentiation; Special education.

Dull-season classes.
Refer from Extension education; Industrial education; Part-time education.

Dullards. *See* Dull children.

Dumb. *See* Deaf.

Duplicate plan. *See* Platoon plan.

Duplicating machines.
(Include mimeographs, multigraphs, etc.)
Refer from Equipment—Public schools.

Duration.
(Psychological signification)
Refer from Percepts and perception; Senses and sensation; Time perception.

Dust (classroom)
(Include dangers from and how to remove)
Refer from Air of classroom; Communicable diseases; Housekeeping—School buildings; Sanitation—School buildings.

Duties. *See* Duties used as a subdivision under personnel entries, e.g. Teachers—Duties.

Duty.
Refer from Character education; Interest.

Dynamic psychology.
See also Association; Percepts and perception; Stimulus and response.
Refer from Psychology; (s): Stimulus-response psychology.

Dynamogenic method. *See* Expression method.

Dynamometric tests.
Refer from Physical tests.

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Ear.
(Structure and function)
See also Static sense.
Refer from Auditory perception; Sense organs; (s): Semicircular canals.

—Care and hygiene.
Refer from Health—Students; Health education; Hygiene, School; (s): Care and hygiene; Ear strain.

—Diseases and defects.
See also Deafness; Vertigo.
Refer from Diseases and defects—Students.

—Examinations.
See also Auditory tests.
Refer from Medical examinations.

Ear mindedness.
Refer from Ideational types; Spelling—Psychology; (s): Auditory imagery.

Ear strain. *See* Ear—Care and hygiene.

Ear training.
Refer from Music — Teaching — Methods and technique; Reading — Teaching — Methods and technique; Singing; Teaching—Methods and technique.

Early Christians—Education.
See also Catechetical schools; Catechumenal schools; Church schools.
Refer from Education—Europe—Medieval period; (s): Christian education in early church.

Earnings, Student. *See* Student earnings.

Eating clubs—Students. *See* Boarding clubs—Students.

Echolalia.
(Repetition of the last word or phrase of a sentence by a patient)
Refer from Dementia precox; Mentally deficient.

Echopraxia.
(Repetition of an action or a gesture which patient has seen)
Refer from Dementia precox.

Eclectic method.
Refer from Arithmetic—Teaching—Methods and technique; Mathematics — Teaching — Methods and technique; Reading—Teaching—Methods and technique; Teaching—Methods and technique; (s): Combined method.

Ecology. *(S, U)*
Refer from Botany; Zoology.

Economic botany. *(S, U)*
Refer from Botany; (s): Botany, Economic.

Economic civics. *(S, U)*
Refer from Civics.

Economic geography. *See* Commercial geography.

Economic status of family. *See* Parents—Economic status.

Economics. *(S, U)*
See also Current events.
Refer from Citizenship education; Com-

Economics—*(Continued)*
mercial education; Social sciences; Sociology; (s): Political economy.
—Teaching—Methods and technique.
See also Case method; Class discussions; Lecture method; Seminar method; Textbook method.

Economies. *(U)*
(In administering educational systems)
See also Coeducation; Economy of time.
—Public schools.
See also Platoon plan; Textbooks, Free.
Refer from Business administration—Public schools; Finance—City schools.

Economy of time.
See also Correlation of school subjects; Intermediate education; Length of course; Length of session; Length of year; Overlearning; Retention; Time allotments.
Refer from Classroom management; Curricula; Economies.

Education. *(G)*
(N. B. Under this heading it has seemed better procedure to arrange the *(G)* subdivisions with their period subdivisions after the other subdivisions)
See also Accountancy education; Adult education; Agricultural education; Architectural education; Art education; Automotive education; Avocational education; Ceramic education; Character education; Child-directed education; Chivalric education; Church education; Citizenship education; Civil-service education; Classical education; Clerical education; Commercial education; Compulsory education; Convent education; Cooperative education; Dental education; Diagnostic education; Diplomatic and consular-service education; Domestic-service education; Dramatic education; Elementary education; Engineering education; Extension education; Forestry education; Formal education; Health education; Higher education; Home-economics education; Honesty education; Humane education; Incidental education; Industrial education; Intermediate education; International education; Kindergarten education; Leadership training; Legal education; Liberal education; Library training; Medical education; Military education; Motor education; Musical education; Nautical education; Naval education; Nursing education; Part-time education; Personal-service education; Pharmaceutical education; Physical education; Play directors—Training; Practical-arts education; Preprofessional education; Preschool education; Primary education; Professional education; Public-service education; Religious education; Rural education; Safety education; Salesmanship training; Secondary education; Secretarial education; Special education; Speech education; Teacher training; Technical education; Theological education; Thrift education; Transportation education; Veterinary education; Visual education; Vocational education; Welfare-work training; World-citizenship education; *also* Education used as a subdivision under special classes of people, e.g. Aristocrats—Education.
—Addresses, essays, etc.

Education—*(Continued)*

—Aims and objectives.

(Include educational ends and ideals)

See also Adjustment; Altruism and egoism; Character; Conduct and deportment; Culture and cultural values; Development; Discipline; Effort; Formal education; Health; Initiative; Leisure; Many-sided interest; Patriotism; Personality; Pleasure; Skill; Sociology, Educational; Utilitarianism; Vocational education; *also* Aims and objectives used as a subdivision under types of education, e.g. Special education—Aims and objectives; *also* used as a school-subject subdivision *(S)* e.g. Arithmetic—Aims and objectives.

Refer from Courses of study—Construction; Education — Value; Teaching — Theories and principles; (s): Aims of education; Educational objectives; Ends in education; Functions of education; Objectives; Purposes of education.

—Ascertainment.

(Method of diagnosis and prognostication, of adult deficiencies, of agreement, of concomitant variation, of hypotheses, of testing adults, etc.)

See also Activity analysis; Diagnosis tests; Functional analysis; Hypothesis; Interviews and conferences; Job analysis; Prognosis tests; *also* Aims and objectives—Ascertainment used as a school-subject subdivision *(S)* e.g. Arithmetic—Aims and objectives—Ascertainment.

—Bibliography.

See also Best books—Education.

Refer from (s): Educational publications; Literature, Educational.

—Biography.

See also Educators; Philosophers; Psychologists; Teachers; *also* Biography used as a biographical subdivision *(B)* e.g. Herbart, Johann Friedrich—Biography. N. B. Names of persons are not included in this List. Insert when needed.

Refer from (s): Biography; Schoolmen, The.

—Criticisms. *See* Criticisms.

—Encyclopedias. *See* Encyclopedias, Educational.

—History.

See also Boarding schools; Cathedral schools; Church, The, and education; Church attendance—Students; Dame schools; Drama in education; Grammar schools (English); Hospital schools; Music in education; Parish schools; Primitive peoples—Education; Reading schools; Vernacular, Teaching in the; *also* Education with names of countries and states subdivided by History, e.g. Education — Europe — History; Education—U. S.—History; Education—Massachusetts—History; *also* History used as a form subdivision *(F)* e.g. Arithmetic—History.

—Laws and legislation. *See* Laws and legislation.

—Statistics. *See* Statistics.

—Terminology. *See* Terminology, Educational.

—Theories and principles.

(Include science, meaning, nature, and philosophy of education)

See also Academic freedom; Adaptation; Administration—Public schools; Auto-

Education—Theories and principles—*(Continued)*

maton theory; Brahmanism and education; Buddhism and education; Causation; Characterology; Community-center activities; Confucianism and education; Courses of study—Theories and principles; Curricula—Theories and principles; Democracy and education; Determinism, Educational; Development; Dialectic; Discipline; Dualism; Empiricism; Enlightenment and education; Environment; Ethics and education; Evolution; Experience; Freedom of press; Freedom of will; Heredity; Idealism; Ideals; Individuality; Interactionism; Knowledge; Learning; Materialism; Mental states, Doctrine of; Mind; Mind and body; Monism; Mysticism; Natural selection; Nature and nurture; Optimism; Parallelism, Psychological; Pessimism; Phenomenalism; Pietism and education; Pluralism; Positivism; Pragmatism; Psychology, Educational; Puritanism and education; Rationalism; Realism; Recapitulation theory; Scholasticism; Self-activity; Skepticism; Social realism; Sociology, Educational; Soul-substance theory; Stimulus and response; Teaching — Theories and principles; Thought and thinking; Transcendentalism; Transfer of training; Utopias and education; Variation; Verbalism in education; Voluntarism; *also* Theories and principles used as a subdivision under types of education, e.g. Special education—Theories and principles; *also* Educational theories and methods used as a biographical subdivision *(B)* e.g. Rosseau, Jean Jacques — Educational theories and methods. N. B. Names of persons are not included in this List. Insert when needed.

Refer from Philosophy; (s): Educational philosophy; Educational theory; Philosophy of education; Science of education.

—Value.

See also Education—Aims and objectives; *also* Value used as a school-subject subdivision *(S)* e.g. Arithmetic—Value; *also* Value used as a subdivision under types of education, e.g. Higher education—Value.

Refer from Elective systems; (s): Educational values; Values, Educational.

—Arabia.

See also Mohammedans — Educational work.

—Denmark.

See also Folk high schools.

—Egypt.

See also Mohammedans — Educational work.

—England.

See also Factory schools.

—History.

See also Barring out teachers; Benefit of clergy; Common law and education; Dissenters—Educational work; Free schools; Ragged schools.

—Roman period.
(B.C. 55–A.D. 449)

—Anglo-Saxon period.
(449–1066)

See also Anglo-Saxon schools.

—Medieval period.
(1066–1485)

Education—England—*(Continued)*
See also Alien priories; Almonry schools; Poor-law schools.
—Norman period.
(1066–1154)
See also Black death and education.
—15th–16th centuries.
See also Courtly academies; Gentry and nobles—Education.
—17th century.
—Modern period.
(18th century——)
See also Charity schools; Monitorial systems.
—Europe.
—Ancient period.
(To 476 A.D.)
See also Education subdivided by names of European countries and cities with subdivision Ancient period, e.g. Education—Greece—Ancient period; Education—Rome—Ancient period.
—Medieval period.
(476–1492)
See also Abbey schools; Apprentices—Education; Benedictines—Educational work; Bishops' schools; Canon law and education; Catholic church—Educational work; Catholic church—Teaching orders; Chancellor's schools; Chantry schools; Chivalric education; Choristers' schools; Church schools; Ciceronianism; Cloister schools; Collegiate church schools; Convent schools; Dominicans — Educational work; Early Christians—Education; Feudalism and education; Gentry and nobles—Education; Gilds, Medieval—Educational work; Hospital schools; Latin language in the schools; Latin schools; Monasticism and education; Mysticism; Neoplatonism; Realism in education; Renaissance, The, and education; Scholasticism; Song schools; Travel as education; Traveling teachers; Universities and colleges—History.
Refer from (s): Medieval education.
—15th–16th centuries.
See also Chivalric education; Palace schools; Reformation, The, and education; Renaissance, The, and education.
—17th century.
See also Pietism and education; Puritanism and education; Rationalism; Realism in education; Scientific societies; Transfer of training.
—Modern period.
(18th century——)
See also Enlightenment and education; Humanism and naturalism; Individualism in education; Naturalism in education; Scientific movements in education; Socialization of education.
—Germany.
See also Folk high schools.
—History.
See also Neohumanism.
—Greece.
—Ancient period.
Refer from (s): Greek education, Ancient.
—India.
See also Mohammedans — Educational work.
—Kentucky.
See also Division system.
—New England.

Education—New England—*(Continued)*
—History.
See also Divided schools; Moving schools.
—Persia.
See also Mohammedans — Educational work.
—Rome.
—History.
See also Rhetoric; Universities and colleges—History.
—Ancient period.
Refer from (s): Roman education, Ancient.
—Tennessee.
See also Division system.
—Turkey.
See also Mohammedans — Educational work.
—U. S.
See also Immigrants in the U. S.—Education; Indians in the U. S.—Education; Negroes in the U. S.—Education.
—History.
See also Academies; Barring out teachers.
—Colonial period.
(1607–1776)
See also Accidence; Boarding schools; Charity schools; Church schools; Colloquies; Dame schools; Divided schools; Free schools; Grammar schools (English); Monitorial systems; Moving schools; Orphans—Education; Petty schools; Universities and colleges — History; Writing schools.
Refer from Calvinists — Educational work; Friends, Society of—Educational work; Puritanism and education.
—1776–1835.
(Period of nationalization)
—1835–1861.
(Period of educational awakening)
—1861–1899.
(Transition period)
—20th century.
(Modern period)
See also Scientific movements in education.

Education, Criticisms of. *See* Criticisms.

Education, Experimental. *See* Experimental schools; Research, Educational.

Education, Individual. *See* Individual instruction.

Education, Spiritual. *See* Religious education.

Education, Waste in. *See* Waste in education.

Education and city life. *See* City life and education.

Education and country life. *See* Country life and education.

Education and crime. *See* Crime and education.

Education and democracy. *See* Democracy and education.

Education and industry. *See* Industry and education.

Education and labor. *See* Labor and education.

Education and life. *See* Society and education.

Education and politics. *See* Politics and education.

Education and public welfare. *See* Society and education.

Education and society. *See* Society and education.

Education and the church. *See* Church, The, and education; Church education.

Education and the community. *See* Community and school.

Education and the home. *See* Home, The, and education.

Education and the press. *See* Press, The, and education.

Education and the state. *See* State, The, and education.

Education and tradition. *See* Tradition and education.

Education and war. *See* War and education.

Education and wealth. *See* Wealth and education.

Education as a profession.
See also Teaching as a profession.

Education extension. *See* Extension education.

Education for motherhood. *See* Parenthood education.

Education of children. *See* Child guidance; Elementary education; Kindergarten education; Preschool education; Primary education.

Education of girls. *See* Women—Education.

Education of princes. *See* Princes—Education.

Education of women. *See* Women—Education.

Education week. *See* American education week.

Educational administration. *See* Administration.

Educational advertising. *See* Publicity.

Educational age and quotient.
See also Accomplishment ratio; Subject age, quotient, and ratio.
Refer from Achievement tests; Age; Classification—Students; (s): Accomplishment quotient; Achievement age and quotient; Educational quotient; Pedagogical age.

Educational associations. *See* Associations, Educational.

Educational bills. *See* Bills and acts, Educational.

Educational boards and foundations. *See* Boards and foundations, Educational.

Educational colleges. *See* Colleges of education; Normal schools and teachers colleges.

Educational counselors. *See* Student advisers and counselors.

Educational department—U. S. *See* United States. Department of education (proposed)

Educational departments in colleges. *See* Departments of education—Universities and colleges.

Educational determinism. *See* Determinism, Educational.

Educational endowments. *See* Endowment of research; Endowments.

Educational equalization. *See* Equalization, Educational.

Educational exhibits. *See* Exhibitions, Educational; Exhibits—Public schools;

Educational exhibits—*(Continued)*
Textbook exhibits; Traveling educational exhibits.

Educational extension. *See* Extension education.

Educational foundations. *See* Boards and foundations, Educational.

Educational guidance. *(U)*
See also Achievement tests—Uses; Courses of study; Curricula; Diagnosis tests; Exploratory courses; Extra-curricular activities; Failures—Students; Health—Students; Individual differences; Intelligence tests—Uses; Marks—Students—Uses; Orientation courses; Parents; Prognosis tests; Special abilities; Student advisers and counselors; Vocational education; Vocational guidance.
Refer from Counseling systems; Personnel service; Sociology, Educational; Surveys.
—Public schools.
Refer from Administration — Public schools; Bureaus of educational research—Public schools.

Educational laws and legislation. *See* Laws and legislation.

Educational libraries. *See* Libraries, Educational.

Educational measurements. *(U)*
(The movement in general; include aims, dangers, needs, theories, and uses of these measurements)
See also Achievements—Students; Buildings—Score cards; Financial accounting; Graphic methods; Growth, Physical; Instructional materials; Intelligence testing; Measuring results in education; Personality tests; Statistical methods; Student accounting; Teacher rating; Tests and scales.
Refer from Child study; Research, Educational; (s): Measurements, Educational.
—Public schools.
Refer from Administration — Public schools; Publicity—Public schools.

Educational measurements, Bureaus of. *See* Bureaus of educational research.

Educational methods. *See* Teaching—Methods and technique.

Educational objectives. *See* Education—Aims and objectives.

Educational philanthropy. *See* Philanthropy, Educational.

Educational philosophy. *See* Education — Theories and principles.

Educational progress. *See* Achievements—Students; Student progress.

Educational psychology. *See* Psychology, Educational.

Educational publications. *See* Education—Bibliography; Journalism, Educational; Periodicals, Educational.

Educational quotient. *See* Educational age and quotient.

Educational reforms. *See* Reforms, Educational.

Educational research. *See* Research, Educational.

Educational research, Bureaus of. *See* Bureaus of educational research.

Educational sociology. *See* Sociology, Educational.

Educational standards. *See* Standards.

Educational statistics. *See* Statistics.

Educational surveys. *See* Surveys.

Educational terminology. *See* Terminology, Educational.

Educational tests. *See* Achievement tests.

Educational theory. *See* Education—Theories and principles.

Educational values. *See* Education—Value.

Educational work. *See* Educational work used as a subdivision under names of organizations or special groups of people, e.g. Baptist church—Educational work; Mohammedans — Educational work.

Educators.

See also names of individual educators. N. B. Names of persons are not included in this List. Insert when needed. Consult Codes and Subdivisions for code *(B)*

Refer from Education—Biography.

Efficiency.

(As effected by continuous muscular or mental work, external conditions, and drugs)

See also Air of classroom; Alcohol and alcoholism; Fatigue; Heating—School buildings; Humidity; Hygiene, School; Length of session; Lighting—School buildings; Narcotics and narcotic habits; Smoking; Stimulants; Ventilation—School buildings.

Effort.

See also Activity; Credit for effort; Desire; Transfer of training.

Refer from Achievements — Students; Education—Aims and objectives; Interest; Learning; Mental discipline; Will.

Eight-four plan.

Refer from Administration—City schools; Length of course; Secondary education.

Eighth grades.

See also Eighth grades used as a unit-of-school-organization subdivision *(U)* e.g. Geography—Eighth grades.

Refer from Elementary schools; Grammar grades; Junior high schools.

Elections, School. *(G)*

See also Boards of education; County superintendents—Public schools; State superintendents—Public schools.

Elective systems. *(U)*

See also Curricula—Variables; Education—Value.

Refer from Curricula; Individual differences—Adjustments.

—Universities and colleges.

Refer from Curricula—Universities and colleges.

Electives. *See* Curricula—Variables.

Electric clocks.

Refer from Electric service systems—School buildings; (s): Clocks, Program.

Electric service systems—School buildings.

(Include clocks, bells, telephones, etc.)

See also Electric clocks; Lighting, Artificial—School buildings; Telephone systems—School buildings.

Refer from Service systems—School buildings; (s): Bells.

Electrical engineering. *(S, U)*

See also Radio broadcasting.

Refer from Engineering education.

—Manuals and handbooks.

Electricity. *(S, U)*
Refer from Industrial education.

Electron-proton theory.
Refer from Behaviorism.

Elementary education. *(G)*
See also Child psychology; Child study; Compulsory education; Elementary schools; Employment certificates; Kindergarten education; Platoon plan; Preschool education; Primary education; Rural education; Special education.
Refer from Education; State, The, and education; (s): Children — Education; Education of children.

—Costs.
Refer from Costs and expenditures—Public schools.

—Teacher training.
Refer from Teacher training.

Elementary-school principals. *See* Principals —Elementary schools.

Elementary-school teachers. *See* Teachers—Elementary schools.

Elementary schools. *(G)*
See also Accredited elementary schools; Athletics—Elementary schools; Church schools; Collegiate church schools; Eighth grades; Fifth grades; First grades; Fourth grades; Grammar grades; Intermediate grades; Junior high schools; Parish schools; Platoon schools; Primary grades; Private schools; Rural schools; Second grades; Seventh grades; Sixth grades; Third grades; University elementary schools; *also* Elementary schools used as a unit-of-school-organization subdivision *(U)* e.g. Student self-government—Elementary schools.
Refer from Elementary education; Public schools; Schools; (s): Common schools; Grade schools; Grammar schools (elementary)

—Administration. *See* Administration — Elementary schools.

—Buildings. *See* Buildings — Elementary schools.

—Designs and plans. *See* Building designs and plans—Elementary schools.

—England.
See also Fags and fagging.

—Entrance requirements. *See* Entrance requirements—Elementary schools.

—Standards. *See* Standards—Elementary schools.

Elementary schools, Accredited. *See* Accredited elementary schools.

Elevators. *See* Mechanical service systems.

Eligibility rules (athletics) *See* Athletics—Eligibility rules.

Elimination—Students. *(U)*
See also Attendance—Students; Failures —Students.
Refer from Age and grade of students leaving school; Holding power; Sociology, Educational; Student accounting; (s): Losses — Students; Withdrawals—Students.

Elimination of subject-matter.
Refer from Courses of study—Construction; Courses of study—Differentiation; (s): Subject-matter elimination.

Elocution.
(Include the reciting of "pieces" in school as well as productions with more interpretative and effective delivery)

Elocution—*(Continued)*
See also Declamatory contests; Oral composition; Voice culture.
Refer from Acting; Dramatic education; English literature—Teaching—Aids and devices; Expression; Public speaking; Speech education; (s): Declamation; Delsarte system.

Emotional expression.
See also Bashfulness; Blush.
Refer from Attitudes; Emotions; Mind reading; Vasomotor processes.

Emotional tests. *(T)*
Refer from Emotional training; Emotions; Mental tests; Personality tests; Tests and scales.

Emotional training.
See also Emotional tests.
Refer from Character education.

Emotionally unstable children. *See* Unstable children.

Emotions.
See also Activity; Adolescence; Adrenal glands; Affection; Anger; Autonomic nervous system; Belief; Disgust; Emotional expression; Emotional tests; Fear; Feelings; Glands, Ductless; Instincts; Jealousy; Joy; Modesty; Moods; Organic sensations; Respiration; Satisfiers and annoyers; Senses and sensation; Sentiment; Shame; Sorrow; Sympathy; Temperament; Vasomotor processes.
Refer from Behavior; Behaviorism; Character; Child psychology; Consciousness; Ethnopsychology; Improvability; Mind; Motivation in education; Personality; Psychology; Psychology, Educational; Reactions; Social psychology; Will; (s): Affects.

Empirical psychology. *See* Experimental psychology.

Empiricism.
See also Experience; Induction; Intuition; Logic; Pluralism; Sensationalism; Sense training.
Refer from Education—Theories and principles; Knowledge; Phenomenalism; Philosophy; Pragmatism.

Employment bureaus. *(P)*
Refer from (s): Placement bureaus.
—Students. *(U)*
(Include all services which are provided at institutions for the placement of students in permanent and temporary positions before and after completion of courses)
See also Vocational guidance.
Refer from Personnel service; Student employment.
—Universities and colleges.
Refer from Student employment—Universities and colleges; (s): College employment bureaus.
—Teachers. *See* Appointment bureaus; Registration — Teachers; Teachers' agencies.

Employment certificates. *(G)*
(Regular and vacation)
Refer from Administration — Public schools; Attendance departments—Public schools; Child labor and education; Compulsory education; Elementary education; Part-time education; Sociology, Educational; Vacations; (s): Age and schooling certificates; Certificates, Employment; Employment tickets; Health

Employment certificates—*(Continued)*
certificates; Labor permits; Leaving certificates; Working papers.

Employment of children. *See* Child labor.

Employment tickets. *See* Employment certificates.

Emulation. *See* Competition.

Encyclopedias, Educational.
Refer from (s): Cyclopedias, Educational; Education—Encyclopedias.

End-organs, Sensory. *See* Sense organs.

Endocrine glands. *See* Glands, Ductless.

Endowment drives.
Refer from Endowments; Publicity—Universities and colleges.

Endowment of research. *(G)*
Refer from Endowments; Endowments—Universities and colleges; Research, Educational; Research work; (s): Educational endowments.

Endowments. *(U)*
See also Endowment drives; Endowment of research.
Refer from Finance; Gifts and bequests; Permanent funds; Philanthropy, Educational; (s): Educational endowments.

—History.
Refer from Renaissance, The, and education.

—Public schools.
Refer from Gifts and bequests—Public schools.

—Universities and colleges.
See also Endowment of research.
Refer from Business administration—Universities and colleges; Gifts and bequests—Universities and colleges; Revenues—Universities and colleges; Universities and colleges, Endowed.

Ends in education. *See* Education—Aims and objectives.

Endurance. *See* Fatigue.

Endurance tests.
Refer from Physical ability tests; Psychological tests.

Engineering education. *(G)*
(Advanced technical education)
See also Ceramic education; Chemical engineering; Civil engineering; Electrical engineering; Engineering experiment stations; Engineering schools and colleges; Mechanical engineering; Mining engineering; Technical education.
Refer from Education; Professional education.

Engineering experiment stations. *(G)*
Refer from Engineering education; Experiment stations.

Engineering laboratories.
Refer from Laboratories.

—Equipment and supplies.

Engineering schools and colleges. *(G)*
(Include those maintained by universities)
See also Technical schools.
Refer from Engineering education; Schools; Universities—Colleges.

Engineers. *(U)*
See also Engineers used as a personnel subdivision *(P)* e.g. Wages—Engineers.

—Public schools.
See also Custodial service rooms—Public schools; Wages — Engineers — Public schools.
Refer from Architecture, School; Building departments—Public schools; Heating—School buildings.

Engineers—*(Continued)*
—Training classes—Public schools.
Refer from (s): Training classes for public-school engineers.

England—History. *(S, U)*
Refer from (s): English history.

English. *See* English language; English language—Composition; English language—Grammar; English literature; Handwriting; Oral composition; Reading; Spelling.

English clubs. *See* English language—Clubs; English literature—Clubs.

English composition. *See* English language—Composition; Oral composition.

English grammar. *See* English language—Grammar.

English history. *See* England—History.

English language. *(S, U)*
See also Anglo-Saxon language; English literature; Reading.
Refer from Modern languages; (s): English.
—Business English. *See* Business English.
—Capitalization.
—Clubs.
Refer from (s): English clubs.
—Composition. *(S, U)*
(Application of the laws of rhetoric in written discourse and the discourse itself)
See also English language—Grammar; English language—Punctuation; Essay contests; Journalism; Oral composition; Picture study; Rhetoric; Spelling.
Refer from Content subjects; Expression; Fundamentals; (s): Composition (English); English; English composition; Written English.
—Teaching.
—Aids and devices.
See also Letter writing.
—Methods and technique.
See also Copying; Dictation, Method of.
—Tests and scales.
Refer from (s): Composition scales.
—Composition, Oral. *See* Oral composition.
—Games.
Refer from Language games.
—Grammar. *(S, U)*
Refer from English language—Composition; Formal subjects; Fundamentals; (s): English; English grammar; Syntax.
—Drill.
—Measuring results.
—Teaching.
—Aids and devices.
See also Diagraming; Parsing.
—Methods and technique.
See also Accidence; Incidental method.
—Orthography and spelling. *See* Spelling.
—Pronunciation.
See also Dictionaries, Teaching use of; Word study.
Refer from Phonetics; Reading—Teaching; Spelling—Teaching.
—Punctuation.
Refer from English language—Composition.
—Teaching—Methods and technique.
See also Comparison, Method of; Contextual method; Student themes and papers.

English language for foreigners.
Refer from Americanization; Immigrants

English language for foreigners—*(Continued)*
in the U. S.—Education; Textbooks for foreigners.

English literature. *(S, U)*
See also American literature; Bible as literature; Children's literature and reading.
Refer from Content subjects; English language; (s): English.

—Clubs.
Refer from (s): English clubs.

—Dramatization.

—Teaching—Aids and devices.
See also Elocution; Story-telling.

English teachers. *(G, U)*
Refer from Language teachers; Teachers.

Enlightenment and education.
See also Development; Experience; Naturalism in education; Rationalism; Transfer of training.
Refer from Education—Europe—Modern period; Education—Theories and principles.

Enrichment of courses of study. *See* Courses of study—Enrichment.

Enrichment of curricula. *See* Curricula—Enrichment.

Enrollment—Students. *(U)*
See also Attendance—Students; Registration—Students.
Refer from (s): Membership, School.

—High schools. *(G)*
Refer from (s): High schools—Enrollment.

—Universities and colleges. *(G)*
See also Attendance—Students—Universities and colleges; Registration—Students—Universities and colleges.
Refer from (s): Universities and colleges—Enrollment.

Entering and leaving buildings. *See* Routine procedures—Classrooms.

Entertainments. *(U)*
Refer from Extra-curricular activities; Recreation—Students.

—Costs. *(U)*

—Public schools.

Entomology. *(S, U)*
Refer from Zoology.

Entrance age. *(U)*
Refer from Entrance requirements; (s): Admission age.

Entrance examinations. *(U)*

—Universities and colleges.
Refer from Entrance requirements—Universities and colleges; Examination boards—Universities and colleges; Examinations—Universities and colleges; (s): College entrance examinations.

Entrance requirements. *(U)*
See also Entrance age; Marks—Students—Uses; *also* Entrance requirements used as a subdivision under names of institutions, e.g. Harvard university—Entrance requirements. N. B. Names of institutions are not included in this List. Insert when needed.
Refer from Rules and regulations; (s): Admission requirements; Requirements for entrance.

—Elementary schools.
See also School age.
Refer from (s): Elementary schools—Entrance requirements.

—High schools. *(G)*
See also Accredited elementary schools.

Entrance requirements—High schools—*(Continued)*

Refer from (s): High schools—Entrance requirements.

—Junior colleges. *(G)*

Refer from (s): Junior colleges—Entrance requirements.

—Junior high schools. *(G)*

—Normal schools and teachers colleges. *(G)*

Refer from (s): Normal schools and teachers colleges — Entrance requirements.

—Universities and colleges. *(G)*

See also Accredited high schools; Credits and credit systems—Universities and colleges; Entrance examinations—Universities and colleges; Intelligence tests—Universities and colleges; Medical examinations—Universities and colleges; Physical examinations — Universities and colleges; Vaccination.

Refer from Standards—Universities and colleges; (s): College entrance requirements; Universities and colleges—Entrance requirements.

Entrances — School buildings. *See* Doors—School buildings.

Environment.

See also Accommodation; Acquired characteristics; Adaptation; Adjustment; City life and education; Control; Country life and education; Delusions; Euthenics; Evolution; Mental development; Plasticity.

Refer from Backward children; Character education; Differential psychology; Education—Theories and principles; Gestalt psychology; Home geography; Individual differences; Social psychology.

Epidemics. *See* Communicable diseases.

Epilepsy.

(Grand mal, petit mal, Jacksonian, and hystero-epilepsy)

See also Alcohol and alcoholism; Amnesia; Convulsions; Epileptic children; Hallucinations; Hypnosis; Mania and manias; Narcolepsy; Nightmares; Psychoanalysis; Spasms; Stupor; Vertigo.

Refer from Clinical psychology; Heredity; Mentally deficient; Movement disorders; Nervous system—Diseases; Psychoneuroses; Psychoses; Retardation, Mental.

Epileptic children.

Refer from Backward children; Children; Epilepsy; Physically handicapped.

—Education.

(Include classes for)

Refer from Special education.

Epiphenomenon.

Refer from Consciousness; Mind and body.

Episcopal church — Educational work. *See* Protestant Episcopal church — Educational work.

Epistemology.

See also Experience; External objects; Idealism; Interactionism; Object and subject; Phenomenalism; Realism; Voluntarism.

Refer from Knowledge; Metaphysics; Philosophy.

Epitome method.

(Use of outlines, abstracts, and summaries)

Refer from History—Teaching—Methods and technique; Intensive method; Teaching—Methods and technique.

Epochal method.

Refer from Extensive method; History—Teaching—Methods and technique.

Equalization, Educational.
(The equalization of educational opportunities)
See also Building programs; Coeducation; Consolidation of schools; Curricula—Differentiation; Individual differences—Adjustments; Labor unions—Educational work; National appropriations for education—U. S.; Special education; State appropriations for education; Student accounting; Support of education; Textbooks, Free.
Refer from Democracy and education; Finance—Public schools; Opportunities, Educational; Socialism and education; State, The, and education; State administration—Public schools; (s): Diversity in educational opportunities; Educational equalization; Inequalities, Educational; Universal education.

Equipment. *(U)*
(Include objects which are supposed to last from year to year; buildings are excepted)
See also Apparatus; Appraisal—Equipment; Depreciation—Equipment; Furniture; Library equipment; Repairs and replacements — Equipment; Sales — Equipment.
Refer from Plants.
—Costs. *(U)*
Refer from Capital outlay; Costs and expenditures; Plants—Costs.
—Public schools.
Refer from Capital outlay — Public schools; Costs and expenditures—Public schools.
—Designs and plans. *(U)*
(Include blue prints)
—Floor plans. *(U)*
(Include blue prints)
—Public schools.
Refer from Building designs and plans —Public schools.
—Public schools.
See also Apparatus — Public schools; Duplicating machines; Furniture—Public schools; Lockers—Public schools; Sand tables; Service systems—School buildings; *also* Equipment used as a subdivision under names of buildings and rooms, e.g. Gymnasiums—Equipment; *also* Equipment and supplies used as a subdivision under names of buildings and rooms, e.g. Laboratories—Equipment and supplies.
Refer from Building departments—Public schools; Hygiene, School; Plants—Public schools.

Equipment inventories. *(U)*
Refer from Inventories.

Erratic children. *See* Unstable children.

Errors—Methods of correction.
See also Comparison, Method of; Remedial instruction; Substitutional method.
Refer from (s): Correction of errors, Methods of; Methods of correcting errors.

Errors of measurement.
(Include constant, compensating, cumulative, and variable errors)
See also Median deviation; Probable error; Random sampling; Tests and scales—Reliability.
Refer from Correlation; Errors of observation; Statistical methods; (s): Compensating errors; Constant errors; Cumulative errors; Variable errors.

Errors of observation.
See also Errors of measurement.

Errors of observation—*(Continued)*
Refer from Accuracy; Illusions; Observation.

Esperanto.
Refer from Languages, Artificial.

Essay contests.
See also Safety essay contests.
Refer from Contests—Public schools; English language — Composition; Humane education; (s): Literary contests.

Esthetic appreciation. *See* Appreciation.

Esthetic education.
See also Art—Galleries and museums; Art education; Concerts; Esthetics; Opera, The, and education; Picture study; Theater, The, and education.
Refer from (s): Aesthetic education.

Esthetics. *(S, U)*
(The study of beauty; its philosophical connotations)
See also Appreciation; Calisthenics.
Refer from Art education; Esthetic education; Philosophy; (s): Aesthetics; Taste (esthetics)

Ethical education. *See* Character education.

Ethics. *(S, U)*
See also Altruism and egoism; Codes of ethics; Conduct and deportment; Hedonism; Morality and moral sense; Utilitarianism; Voluntarism.
Refer from Character education; Philosophy; Social sciences; (s): Moral philosophy; Science, Moral.

Ethics and education.
See also Behavior; Character education; Professional ethics (education); Student ethics.
Refer from Education—Theories and principles.

Ethics of teaching. *See* Professional ethics (education)

Ethnology. *(S, U)*
See also Somatology.
Refer from Anthropology; Archaeology; History; Sociology.

Ethnopsychology.
See also Emotions; Feelings; Ideals; Intelligence testing; Racial differences.
Refer from Applied psychology; Comparative psychology; Psychology; Social psychology; (s): Folk psychology; Psychology, Folk; Psychology, Race; Race psychology.

Eugenics.
(Race improvement through heredity)
See also Genetic psychology; Natural selection.
Refer from Anthropology; Health education; Heredity; Parenthood education; Sex education; Social psychology; Sociology; (s): Race improvement.

Europe—History. *(S, U)*
Refer from (s): European history.

European history. *See* Europe—History.

Euthenics.
(Race improvement through environment)
Refer from Environment.

Evaluation — Buildings. *See* Appraisal — Buildings.

Evaluation—Plants. *See* Appraisal—Plants.

Evaluation of credits. *See* Credits and credit systems.

Evaluation of test scores. *See* Test scores—Evaluation.

Evaluation of tests. *See* Evaluation used as a test subdivision *(T)* e.g. Tests and scales—Evaluation.

Evangelical church—Educational work.
See also Theological seminaries and schools; Universities and colleges, Denominational.
Refer from Church education.

Evening schools.
(Include classes; these schools are academic and vocational)
See also Moonlight schools.
Refer from Administration—City schools; Adult education; Americanization; Apprentices—Education; Commercial education; Community-center activities; Extension education; Factory schools; Illiteracy; Immigrants in the U. S.—Education; Industrial education; Knights of Columbus — Educational work; Part-time education; Schools; Sociology, Educational; University extension; Vocational education; Young men's Christian associations — Educational work; Young women's Christian associations—Educational work; (s): Night schools.

Evidence.
Refer from Induction.

Evils (athletics) *See* Athletics—Evils.

Evolution.
See also Acquired characteristics; Adaptation; Conflict; Control; Genetic psychology; Individual differences; Natural selection.
Refer from Development; Education—Theories and principles; Environment; Heredity; Mutation; Psychology.

Evolutional psychology. *See* Genetic psychology.

Examination boards. *(G, U)*
—Universities and colleges.
See also Entrance examinations—Universities and colleges; *also* names of specific boards, e.g. College entrance examination board. N. B. Names of boards are not included in this List. Insert when needed.

Examination questions.
(To be used for collections of questions on various school subjects)
See also Regents' examinations; *also* Examinations, questions, etc. used as a school-subject subdivision *(S)* e.g. Arithmetic — Examinations, questions, etc.

Examination systems. *(P)*
Refer from Administration — Public schools; Examinations.
—Students.
(Include city, county, and state systems)
See also Regents' examinations.
Refer from County administration—Public schools; County supervision of teaching; State administration — Public schools; (s): County examination systems; State examination systems.
—Teachers.
(Include city, county, and state systems)
Refer from Administration—City schools; Certification—Teachers; County administration—Public schools; State administration—Public schools; Teachers' examinations; (s): County examination systems; State examination systems.

Examinations. *(U)*
(The traditional essay type; also psychology and hygiene of examinations)
See also Achievement tests; Bar examinations; Cheating; Civil service—Examinations; Competitive examinations; Cramming; Examination systems; Honor systems; Intelligence tests; Objective examinations; Physical examinations; Reviews; State dental examinations; State medical examinations; Teachers' examinations; Tests—Types; *also* Examinations, questions, etc. used as a school-subject subdivision *(S)* e.g. History—Examinations, questions, etc.
Refer from Achievements—Students; Incentives; Marks—Students; Measuring results in education; Scholarships and fellowships; Suicides—Students; Teaching—Methods and technique; Teaching—Types; (s): Quizzes.

—Universities and colleges.
See also Achievement tests—Universities and colleges; Entrance examinations—Universities and colleges; Intelligence tests—Universities and colleges; Placement examinations.

—Uses.
Refer from Classification—Students; Promotions—Students; (s): Uses of examinations.

Examinations, Promotional (teachers) *See* Promotional examinations.

Examinations, Teachers'. *See* Teachers' examinations.

Examples. *See* Problems, exercises, etc. used as a school-subject subdivision *(S)* e.g Arithmetic—Problems, exercises, etc.

Exceptional children. *See* Atypical children.

Exchange—Students. *See* Interchange—Students.

Exchange — Teachers. *See* Interchange — Teachers.

Exclusion from school.
See also Quarantine.
Refer from Child hygiene; Communicable diseases; Compulsory education; Disease prevention; Diseases and defects—Students; Medical inspection.

Excursions. *(U)*
Refer from Home-economics education; Hygiene of instruction; Object teaching; Travel as education; Visual education.

—Kindergartens.
Refer from Kindergarten education.

—Public schools.
See also Field work.
Refer from Civics—Teaching—Methods and technique; Community and school; Geography — Teaching — Methods and technique; Home geography; Inductive method; Industrial arts; Quincy plan; (s): Journeys, School; Trips, School; Visits, School (trips)

—Universities and colleges.
Refer from Athletics, Intercollegiate.

Excusing from class. *See* Routine procedures—Classrooms.

Executive ability.
Refer from Ability; Leadership training.

Exemption from taxation. *See* Taxation, Exemption from.

Exercise.
See also Athletics; Breathing exercises;

Exercise—*(Continued)*
Gymnastics; Swimming; Walking.
Refer from Health; Recreation; (s): Physical exercises.

Exercises (programs) *See* Auditorium activities; Friday afternoon exercises; Opening exercises; Special days.

Exercises, Devotional. *See* Devotional exercises.

Exercises, problems, etc. *See* Problems, exercises, etc. used as a school-subject subdivision *(S)* e.g. Arithmetic—Problems, exercises, etc.

Exhaustion. *See* Fatigue.

Exhibition endowments. *See* Scholarships and fellowships.

Exhibitions, Educational. *(G)*
See also Agricultural exhibitions; Exhibits; Traveling educational exhibits.
Refer from Expositions and education; Fairs; Festivals; Museums, Educational; (s): Educational exhibits.

Exhibits. *(U)*
See also Health exhibits; *also* Exhibits used as a school-subject subdivision *(S)* e.g. Drawing—Exhibits. N. B. In the case of Art use Exhibitions.
Refer from Exhibitions, Educational.

—Public schools. *(G)*
Refer from Community-center activities—Public schools; Competition; Fairs—Public schools; Home and school; Museums—Public schools; Object teaching; Publicity—Public schools; Special days; Special weeks; Supervision of teaching—Public schools; (s): Educational exhibits.

Exhibits, Industrial.
Refer from Community and school; Geography—Teaching—Aids and devices.

Expelling of students. *See* Expulsions and dismissals—Students.

Expenditures for education. *See* Costs and expenditures.

Expense control. *See* Budgets and budgetary procedures—Public schools.

Expenses. *(P)*
See also Cost of living.

—Students. *(U)*
See also Fees; Fines; Tuition fees.
Refer from (s): Student expenses.

—Universities and colleges.
See also Fees—Universities and colleges.

—Teachers. *(U)*
See also Traveling expenses—Teachers.
Refer from Salaries—Teachers; (s): Teachers—Expenses.

Experience.
(Philosophical and educational connotations)
See also Meaning; Teaching experience; Theory and practice.
Refer from Education—Theories and principles; Empiricism; Enlightenment and education; Epistemology; Gestalt psychology; Pragmatism; Reason and reasoning.

Experiment stations.
See also Agricultural experiment stations; Engineering experiment stations.
Refer from Land-grant colleges; Research work.

Experimental education. *See* Experimental schools; Research, Educational.

Experimental groups.
Refer from Experimental methods; Research, Educational.

Experimental methods.
(Variation in conditions followed by observation of changes)
See also Concentration; Consciousness; Control groups; Experimental groups; Observation.
Refer from Induction; Psychology—Research; Research, Educational; Scientific methods.

Experimental psychology. *(S, U)*
See also Behavior; Comparative method; Curves of learning; Expression method; Gustatory sensation; Habit; Illusions; Intelligence tests; Learning; Limen; Memory; Mental functioning, Types of; Olfactory sensations; Percepts and perception; Personal equation; Physiological psychology; Psychological laboratories; Psychological tests; Psychopathology; Psychophysics; Puzzles, Psychological; Reaction-time; Reactions; Rhythm; Scientific methods; Senses and sensation; Static sense; Statistical methods.
Refer from Psychology; Psychology, Educational; Reaction psychology; (s): Empirical psychology; Psychology, Experimental.

Experimental schools. *(G)*
(Include experimental rooms)
See also Activity schools; Country day schools; Laboratory schools; University elementary schools; University high schools; *also* names of special schools. N. B. Names of schools are not included in this List. Insert when needed.
Refer from Boarding schools; Private schools; Schools; (s): Education, Experimental; Experimental education; Progressive education.

Experiments, Teaching by.
Refer from Demonstration, Method of; Inductive method; Laboratory method; Lecture-demonstration method; Natural sciences—Teaching—Methods and technique; Teaching—Methods and technique; Teaching—Types; (s): Discovery, Method of; Rediscovery, Method of.

Experiments in education. *See* Research, Educational.

Experiments in school subjects. *See* Research used as a school-subject subdivision *(S)* e.g. Arithmetic—Research.

Exploratory courses.
See also Try-out courses.
Refer from Curricula—Junior high schools; Educational guidance; Vocational guidance; (s): Finding and broadening courses.

Expositions and education. *(G)*
(National and international)
See also Exhibitions, Educational.
Refer from Adult education; Object teaching.

Expression.
(Representation of thought by language or action)
See also Elocution; English language—Composition; Expression recitals; Oral composition; Oral reading; Self-activity.
Refer from Acting; Speech education; Teaching—Types; (s): Oral expression; Self-expression.

Expression method.
Refer from Child psychology; Experi-

Expression method—*(Continued)*
mental psychology; (s): Dynamogenic method.

Expression recitals.
Refer from Expression; Recitals.

Expression schools. *(G)*
See also names of specific schools. N. B. Names of schools are not included in this List. Insert when needed.
Refer from Schools.

Expressive subjects.
See also Drawing; Manual arts; Music.
Refer from Curricula.

Expulsions and dismissals. *(P)*
Refer from (s): Dismissals.

—Students. *(U)*
See also Parental schools.
Refer from Attendance—Students; Classroom management; Compulsory education; Punishments and penalties; (s): Expelling of students.

—Teachers. *(U)*
Refer from Tenure — Teachers; (s): Teachers — Dismissals; Teachers—Expulsions.

Extemporaneous speaking. *See* Oral composition; Public speaking.

Extension. *See* Space perception.

Extension courses for teachers.
Refer from Extension education; Normal schools and teachers colleges; Teacher training in service; University extension.

Extension education. *(G)*
See also Agricultural extension; All-year schools; Americanization; Chautauquas; Correspondence schools and courses; Dull-season classes; Evening schools; Extension courses for teachers; High-school extension; Home-economics extension; Lectures and lecture courses; Lyceums; Part-time education; Reading circles; Summer schools; Travel as education; University extension; Vacation schools.
Refer from Adult education; Education; (s): Education extension; Educational extension.

Extension work, Agricultural. *See* Agricultural extension.

Extensive method.
(Comprehensive treatment of subject)
See also Epochal method.
Refer from Teaching—Methods and technique.

External objects.
(Philosophical signification)
See also Space perception.
Refer from Epistemology; Object and subject.

Extra-class activities. *See* Extra-curricular activities.

Extra-curricular activities. *(U)*
(N. B. Under this heading it has seemed better procedure to arrange the *(U)* subdivisions before the other subdivisions)
See also Athletics; Bands; Clubs; Contests; Debates and debating; Dramatics; Dramatization; Entertainments; Festivals; Greek letter societies; Libraries; Morale—Students; Musical organizations; Playgrounds; Social functions and activities; Special days; Student advisers and counselors; Student annuals; Student organizations and societies; Student publications; Student

Extra-curricular activities—*(Continued)*
self-government; Welfare work—Students.
Refer from Character education; Curricula; Discipline, School; Educational guidance; Recreation—Students; Student life; Student loads; Teaching loads; (s): Activities, Extra-curricular; Auxiliary activities; Extra-class activities; Extra-school activities; Student activities.
—Elementary schools.
See also Assemblies—Elementary schools; Friday afternoon exercises.
—High schools.
—Public schools.
See also Savings banks—Public schools; Scouts and scouting; Student advisers and counselors—Public schools.
Refer from Administration — Public schools.
—Universities and colleges.
See also Student advisers and counselors —Universities and colleges.
Refer from Administration—Universities and colleges.
—Administration.
See also Point systems (extra-curricular activities)
—Finance. *(U)*
—Public schools.
Refer from Finance—City schools.

Extra hours.
(Time given for extra work early in the morning or after adjournment in the afternoon)
See also After-school classes.
Refer from Daily programs and time schedules.

Extra-mural classes. *(U)*
—Universities and colleges.
Refer from University extension.

Extra-professional activities. *(P)*
—Teachers. *(U)*
Refer from Teachers.

Extra-school activities. *See* Extra-curricular activities.

Extra-work plan.
Refer from Courses of study—Differentiation; Mentally superior—Education.

Eye.
(Structure and function)
See also Adaptation, Sensory; Color; Eye movements; Fields of vision; Fixation.
Refer from Sense organs; (s): Accommodation (pupillary reflex); Fovea centralis; Retina.
—Care and hygiene.
See also Blackboards; Color of walls; Desks and seats; Lighting—School buildings; Reading—Psychology; Sight-saving classes; Textbooks.
Refer from Drawing—Hygiene; Handwriting—Hygiene; Health — Students; Health education; Hygiene, School; (s): Care and hygiene; Eye-sight conservation; Eye strain; Hypermetropia.
—Diseases and defects.
See also Astigmatism; Blindness; Color blindness; Conjunctivitis; Double images; Hyperopia; Myopia; Ophthalmia neonatorum; Squinting; Trachoma.
Refer from Diseases and defects—Students.
—Examinations.
See also Visual tests.
Refer from Medical examinations; (s):

Eye—Examinations—*(Continued)*
Hypermetropia; Vision, Tests of; Visual acuity.

Eye mindedness.
Refer from Ideational types; Spelling—Psychology; (s): Visual imagery; Visualization.

Eye movements.
See also Convergence.
Refer from Eye; Reading—Psychology; Visual perception.

Eye-sight conservation. *See* Eye—Care and hygiene.

Eye strain. *See* Eye—Care and hygiene.

F

Fables.
Refer from Folklore; Story-telling.

Facial angle. *See* Craniometry.

Facilitation.
Refer from Habit; Nervous system; Reactions; Transfer of training.

Factory schools. *(G)*
See also Evening schools.
Refer from Apprentices — Education; Child labor and education; Education—England; Industrial education; Schools.

Faculties. *(U)*
—Universities and colleges.
(Include organization into senates, courts, etc.)
See also Faculty clubs; Faculty meetings—Universities and colleges; Teachers—Universities and colleges; Teachers' councils—Universities and colleges; Teaching loads—Universities and colleges; Teaching personnel—Universities and colleges.
Refer from Administration—Universities and colleges; (s): College faculties; Universities and colleges—Faculties; University senates.

Faculty clubs.
Refer from Clubs; Faculties—Universities and colleges.

Faculty meetings. *(U)*
—Public schools.
See also Teachers' meetings.
—Universities and colleges.
Refer from Administration—Universities and colleges; Faculties—Universities and colleges.

Faculty psychology.
See also Apperception; Transfer of training.
Refer from Intelligence; Phrenology; Psychology; Psychology—History; Soul-substance theory; (s): Psychology, Faculty.

Faculty publications. *(U)*
Refer from Publications.

Faculty research. *See* Research work — Teachers.

Fads and frills, Educational.
Refer from Curricula; Sociology, Educational.

Fags and fagging.
(An English system in which the younger school boys serve the older)
Refer from Elementary schools—England; Prefects and the prefect system; Renaissance, The, and education; Student life.

Failures. *(P)*
—Students. *(U)*
See also Absences—Students.
Refer from Age-grade-progress; Educational guidance; Elimination—Students; Promotions — Students; Retardation — Students; Student accounting; Student progress; Suicides — Students; (s):

Failures—Students—*(Continued)*
Non-promotions — Students; Subject failures.

—Teachers. *(U)*
Refer from Teacher accounting; (s): Teachers—Failures.

Fairs. *(U)*
See also Agricultural exhibitions; Exhibitions, Educational.
Refer from Festivals.

—Public schools.
See also Exhibits—Public schools; *also* Exhibits used as a school-subject subdivision *(S)* e.g. Agriculture—Exhibits.

Fairy tales.
Refer from Children's stories; Folklore; Story-telling.

Fallacies.
Refer from Induction.

Family, The, and education. *See* Home, The, and education.

Fan systems of ventilation. *See* Plenum fan systems; Vacuum fan systems.

Fancy. *See* Imagination.

Farm demonstration work.
See also Demonstration agents.
Refer from Agricultural extension.

Farm home demonstration. *See* Home demonstration work.

Farm management. *(S, U)*
Refer from Vocational agriculture.

Farm mechanics. *(S, U)*
Refer from Vocational agriculture.

Farm schools.
Refer from Agricultural education; Schools.

Farm shop work. *See* Shop work used as a school-subject subdivision *(S)* with agricultural subjects, e.g. Farm mechanics —Shop work.

Farmers' institutes.
Refer from Agricultural education; Agricultural experiment stations; Agricultural extension; Home-economics extension; (s): Institutes.

Farmers' week.
Refer from Agricultural colleges; Agricultural education.

Fatigue.
See also Fatigue, Mental.
Refer from Competition; Efficiency; Neurasthenia; (s): Endurance; Exhaustion.

Fatigue, Mental.
See also Curves of work; Rhythm; Sleep; Weather.
Refer from Attention; Daily programs and time schedules; Fatigue; Hygiene of instruction; Learning; Nervous system; Overpressure (education); Physiological psychology; (s): Mental fatigue; Mental overwork.

Favors for students. *See* Rewards and prizes.

Fear.
(Psychological connotations)
See also Phobia and phobias.
Refer from Emotions; Instincts; Suicides —Students.

Fear as incentive. *See* Incentives.

Federal aid for education. *See* National appropriations for education—U. S.

Federal department of education. *See* United States. Department of education (proposed)

Federal government and education. *See* United States—Government and education.

Feeble-minded. *See* Mentally deficient.

Feeding, School. *See* Lunches, School; Milk service — Public schools; Nutrition classes; Open-air schools.

Feelings.
See also Activity; Organic sensations; Pain; Pleasure.
Refer from Attitudes; Consciousness; Emotions; Ethnopsychology; Learning; Mind; Psychology; Self; Structural psychology; (s): Disagreeableness; Indifference.

Fees. *(U)*
(Include matriculation fees, laboratory fees, gymnasium fees, etc.)
See also Tuition fees.
Refer from Expenses—Students.
—Universities and colleges.
Refer from Expenses—Students—Universities and colleges; (s): College fees.

Fellenberg system. *See* Manual training; *also* Fellenberg, Phillip Emmanuel von —Educational theories and methods. N. B. Names of persons are not included in this List. Insert when needed.

Fellowships. *See* Scholarships and fellowships.

Feminization of teaching. *See* Women as teachers.

Fences. *(U)*
—Public schools.
Refer from Building departments—Public schools; Grounds—Public schools.

Fencing. *(S, U)*
Refer from Physical education.

Festivals. *(U)*
See also Acting; Boy bishops; Cockfighting in schools; Correlation of school subjects; Dancing; Dramatics; Dramatization; Exhibitions, Educational; Fairs; Music; Pageantry.
Refer from Extra-curricular activities; Special days; Student life; (s): Programs of celebrations.

Feudalism and education.
Refer from Education—Europe—Medieval period.

Field athletics. *See* Track and field athletics; (s): Hockey, Field.

Field hockey. *(S, U)*
Refer from Athletic fields; Athletics.

Field meets. *See* Track meets.

Field work.
(Include field observation method)
See also Field work used as a school-subject subdivision *(S)* e.g. Geology—Field work.
Refer from Excursions; Object teaching.

Fields of vision.
(Include direct and indirect vision)
Refer from Eye; Reading—Psychology; (s): Indirect vision; Visual fields.

Fifth grades.
See also Fifth grades used as a unit-of-school-organization subdivision *(U)* e.g. Science—Fifth grades.
Refer from Elementary schools; Intermediate grades.

Fighting.
Refer from Classroom management.

Fighting instinct. *See* Competition.

Files and filing. *(S, U)*
Refer from Card catalogs; Clerical education; Library training; Office procedure.

Films, Educational.
Refer from Motion pictures in education; Picturols; Visual aids; (s): Motion-picture films, Educational; Moving-picture films, Educational.

Finance. *(U)*
See also Advancements; Assets; Bonded indebtedness; Budgets and budgetary procedures; Comparative costs; Costs and expenditures; Endowments; Income and receipts; Liabilities; Revolving funds; Support of education.
Refer from Administration; (s): Fiscal administration.

—City schools. *(G)*
See also Appropriations—Public schools; Budgets and budgetary procedures—City schools; Costs and expenditures—City schools; Economies — Public schools; Extra-curricular activities—Finance—Public schools; Financial accounting—City schools; Financial publicity—Public schools; Income and receipts—City schools; Index numbers; Insurance; Length of year—Public schools; Pensions and retirement systems—Teachers—Public schools.
Refer from Administration—City schools; Business administration — Public schools; City boards of education; City superintendents—Public schools; Finance—Public schools; (s): City school finance.

—Junior colleges.
Refer from (s): Junior colleges—Finance.

—Normal schools and teachers colleges.
See also Appropriations—Normal schools and teachers colleges.
Refer from (s): Normal schools and teachers colleges—Finance.

—Public schools.
See also Advancements—Public schools; Apportionment of school funds; Appropriations—Public schools; Bonded indebtedness—Public schools; Budgets and budgetary procedures—Public schools; Costs and expenditures—Public schools; County finance—Public schools; District finance—Public schools; Equalization, Educational; Finance—City schools; Finance—Rural schools; Financial accounting — Record systems — Public schools; Financial reports—Public schools; Income and receipts—Public schools; State finance—Public schools; Taxation for education; Township finance—Public schools; Unit-costs—Public schools.
Refer from Administration — Public schools; Bureaus of educational research—Public schools; State, The, and education.

—Rural schools.
See also Appropriations—Public schools; Budgets and budgetary procedures—Rural schools; Financial accounting—Rural schools; Insurance; Length of year—Public schools.
Refer from Administration — Rural schools; Business administration—Public schools; Finance—Public schools; (s): Rural schools—Finance.

—Universities and colleges.
See also Appropriations—Universities and

Finance—Universities and colleges—*(Continued)*

colleges; Budgets and budgetary procedures—Universities and colleges; Bursars; Costs and expenditures—Universities and colleges; Income and receipts — Universities and colleges; Plants—Universities and colleges; Revenues — Universities and colleges; Scholarships and fellowships; Unit-costs—Universities and colleges.

Refer from Administration—Universities and colleges; Business administration—Universities and colleges; (s): Universities and colleges—Finance.

Financial accounting. *(U)*

(N. B. Under this heading it has seemed better procedure to arrange the *(U)* subdivisions before the other subdivisions)

See also Advancements; Assets; Budgets and budgetary procedures; Card systems in education; Costs and expenditures; Income and receipts; Liabilities.

Refer from Educational measurements.

—City schools.

Refer from Finance—City schools.

—Public schools.

(Include administration, procedures, and need for)

See also Advancements—Public schools; Budgets and budgetary procedures—Public schools; Costs and expenditures—Public schools; Income and receipts—Public schools.

Refer from Business administration—Public schools; (s): Accounting, School; School accounting.

—Rural schools.

Refer from Finance—Rural schools.

—Record systems. *(U)*

Refer from Business record systems; Record systems.

—Public schools.

(Include forms used, e.g. general ledger, appropriation ledger, cash book, requisition order, purchase order, voucher-check, inventory, payroll record, stock records, school warrants, etc.)

See also Buying methods — Public schools.

Refer from Business record systems—Public schools; Finance — Public schools; Financial reports — Public schools.

—Reporting systems. *(U)*

Refer from Business reporting systems; Reporting systems.

—Public schools.

—Reports. *See* Financial reports.

—Standards. *(U)*

(Include standardization and uniformity)

—Public schools.

Financial laws and legislation. *(U)*

Refer from Laws and legislation.

Financial publicity. *(U)*

Refer from Publicity.

—Public schools.

(Include organization of publicity staff, meetings, etc.)

See also Bond publicity campaigns—Public schools; Financial reports—Public schools.

Refer from Finance—City schools; Publicity—Public schools.

Financial reports. *(U)*

Refer from Business reports; Reports; (s): Financial accounting—Reports.

—Public schools.

See also County financial reports—Public

Financial reports — Public schools — *(Continued)*
schools; State financial reports—Public schools.
Refer from Business reports — Public schools; Finance—Public schools; Financial accounting—Record systems—Public schools; Financial publicity — Public schools; Reports—Public schools; Statistics—Public schools.

Financial surveys. *(U)*
Refer from Surveys.

—Public schools. *(G)*

Finding and broadening courses. *See* Exploratory courses.

Fine arts. *See* Art.

Fines. *(U)*
Refer from Expenses—Students; Punishments and penalties.

—Public schools.
Refer from Revenues—Public schools.

Finger alphabet. *See* Sign language.

Finger- and arm-movement method.
Refer from Handwriting — Hygiene; Handwriting—Teaching—Methods and technique.

Finishing schools.
Refer from Boarding schools; Private schools; Schools; Women—Education.

Fire drills.
Refer from Classroom management; Fire protection—School buildings; Hygiene, School; Safety education; Student cooperation and service.

Fire escapes.
Refer from Fire protection—School buildings.

Fire-prevention week.
Refer from Safety education; Special weeks.

Fire protection—School buildings.
(Include special systems, apparatus, fireproofness, exits, etc.)
See also Fire drills; Fire escapes; Fireproofing—School buildings.
Refer from Architecture, School; Building laws and regulations — Public schools; Service systems—School buildings.

Fireproofing—School buildings.
Refer from Building materials—School buildings; Buildings — Construction — Public schools; Fire protection—School buildings; Roofs—School buildings.

Fires. *(G, U)*

First aid. *(S, U)*
(Include for both illness and injury)
Refer from Health education; Home-economics education; Hygiene; Physiology, Human.

First day of term.
Refer from Classroom management.

First grades.
See also First grades used as a unit-of-school-organization subdivision *(U)* e.g. Nature study—First grades.
Refer from Elementary schools; Kindergarten and first grade; Primary grades.

Fiscal administration. *See* Finance.

Fitting schools. *See* Preparatory schools.

Five formal steps. *See* Recitation, Method of.

Fixation.
Refer from Attention; Eye.

Fixed charges. *See* Costs and expenditures.

Fixed ideas.
See also Delusions; Obsessions.
Refer from Ideas and ideation; Ideomotor; Manic-depressive insanity; Neurasthenia; Phobia and phobias; Psychoses; (s): Insistent ideas.

Flag day.
(Include exercises and celebrations)
Refer from Special days.

Flag poles.
Refer from Patriotism, Teaching of.

Flags. *(U)*
Refer from Insignia.

Flash cards.
Refer from Arithmetic—Teaching—Aids and devices; Reading—Teaching—Aids and devices; Teaching—Aids and devices.

Flexible promotions. *See* Promotions—Students.

Floating schools. *See* Floating universities; Travel schools.

Floating universities.
Refer from Travel schools; Universities and colleges; (s): Floating schools; University (steamship)

Flogging. *See* Corporal punishment.

Floor space per student.
Refer from Air of classroom; Architecture, School; Building standards—Public schools; Classrooms; Desks and seats; (s): Sittings.

Floors—School buildings.
(Include floor covering)
Refer from Architecture, School; Building materials—School buildings.

Folk-dancing. *(S, U)*
Refer from Dancing.

Folk high schools.
Refer from Education—Denmark; Education—Germany; High Schools; Schools.

Folk lore. *See* Folklore.

Folk psychology. *See* Ethnopsychology.

Folklore.
See also Fables; Fairy tales; Myths and mythology.
Refer from Anthropology; Children's literature and reading; Recapitulation theory; Story-telling; (s): Folk lore.

Food. *(P)*
Refer from Hygiene, Personal.

—Students. *(U)*
Refer from Health—Students; Health supervision; Nutrition—Students; (s): Students—Food.

—Elementary schools.
Refer from (s): Children—Food.

Foods (school subject) *See* Cooking.

Football. *(U)*
See also Stadia—Universities and colleges.
Refer from Athletic fields; Athletics.

Footwear—Students. *(U)*
Refer from Clothing—Students; Health—Students; (s): Boots and shoes—Students; Shoes—Students.

Foreign languages.
See also Classical languages; Modern languages; Oriental languages; Ponies (translations)
Refer from Language and languages; (s): Languages, Foreign.

Foreign population in the U. S.—Education.
See Immigrants in the U. S.—Education.

Foreign-service education. *See* Diplomatic and consular-service education.

Foreign-speaking children.
Refer from Backward children; Children.—Education.
(Include special classes)
See also Action work.
Refer from Immigrants in the U. S.—Education; Special education; (s): Foreigners in the U. S.—Education; Non-English speaking classes.

Foreign students in the U. S.
See also Cosmopolitan clubs; Interchange—Students—Universities and colleges; Scholarships and fellowships.
Refer from Students—Universities and colleges; (s): Foreigners in the U. S.—Education.

Foreigners in the U. S.—Education. *See* Americanization; Foreign-speaking children—Education; Foreign students in the U. S.; Immigrants in the U. S.—Education.

Foremanship classes.
Refer from Corporation schools; Industrial education.

Forensics. *See* Debates and debating.

Forest schools. *(G)*
(Include departments in universities)
See also Ranger schools; *also* names of specific schools. N. B. Names of schools are not included in this List. Insert when needed.
Refer from Forestry education; Schools.

Forest schools (tuberculous children) *See* Open-air schools.

Forestry education. *(G, U)*
See also Forest schools; Ranger schools.
Refer from Agricultural education; Education.

Forests. *(U)*
—**Public schools.** *(G)*
See also Tree planting.
—**Universities and colleges.** *(G)*

Forgetting.
See also Amnesia; Curves of forgetting; Lapses.
Refer from Memory; Psychology, Educational.

Forging. *(S, U)*
Refer from Industrial education.

Form and content.
See also Content subjects; Formal subjects; Fundamentals.
Refer from Courses of study—Theories and principles.

Form-board tests. *(T)*
Refer from Intelligence tests; Performance tests; Tests and scales.

Form study.
Refer from Design—Teaching—Methods and technique; Drawing—Teaching—Methods and technique; Geometry—Teaching—Methods and technique; Nature study—Teaching—Methods and technique; Space perception; Teaching—Methods and technique.

Formal discipline. *See* Transfer of training.

Formal education.
See also Curricula; Transfer of training.
Refer from Education; Education—Aims and objectives.

Formal method. *See* Teaching—Methods and technique.

Formal steps in the recitation. *See* Recitation, Method of.

Formal subjects.
See also English language — Grammar; Handwriting; Mathematics; Reading; Spelling.
Refer from Curricula; Form and content.

Foundation readers. *See* Readers.

Foundations—School buildings.
See also Drainage—School buildings; Waterproofing—School buildings.
Refer from Buildings — Construction — Public schools.

Foundations, Educational. *See* Boards and foundations, Educational.

Four-quarter plan.
See also Summer schools.
Refer from Administration—Universities and colleges; All-year schools; Curricula—Universities and colleges; Length of year—Universities and colleges; Quarter and semester plans; (s): Continuous sessions—Universities and colleges; Universities and colleges—Continuous sessions.

Fourth grades.
See also Fourth grades used as a unit-of-school-organization subdivision *(U)* e.g. Industrial arts—Fourth grades.
Refer from Elementary schools; Intermediate grades.

Fovea centralis. *See* Eye.

Fractions.
Refer from Arithmetic; Mathematics.

Franciscans—Educational work.
Refer from Monasticism and education; (s): Friars—Educational work.

Fraternities, Greek letter. *See* Greek letter societies.

Fraternity houses—Students. *See* Society houses—Students.

Free periods.
Refer from Daily programs and time schedules; Student loads; Teaching loads.

Free play.
Refer from Kindergarten education; Play; Self-activity; Teaching—Methods and technique; (s): Play, Free.

Free schools.
Refer from Education — England — History; Education — U. S. — Colonial period; Public schools; Renaissance, The, and education; Schools.

Free speech. *See* Academic freedom.

Free textbooks. *See* Textbooks, Free.

Freedmen—Education. *See* Negroes in the U. S.—Education.

Freedom of press.
Refer from Education—Theories and principles; Press, The, and education; (s): Censorship, Literary; Literary censorship; Press, Freedom of.

Freedom of teaching. *See* Academic freedom.

Freedom of will.
(Philosophical and educational significations)
See also Plasticity.
Refer from Education—Theories and principles; Initiative; Will.

Freehand drawing. *(S, U)*
Refer from Drawing.

Freemasons—Educational work.
Refer from Adult education; Sociology, Educational.

French language. *(S, U)*
See also Commercial French.
Refer from Modern languages; (s): Romance languages.

French teachers. *(G)*
(Teachers of the French language)
Refer from Modern language teachers; Teachers.

Frequency curves.
See also Normal frequency curves.
Refer from Frequency tables and surfaces.

Frequency distributions.
See also Normal frequency distribution.
Refer from Test scores — Distributions; (s): Distribution of scores.

Frequency surfaces. *See* Frequency tables and surfaces.

Frequency tables and surfaces.
See also Frequency curves.
Refer from Graphic methods; Test scores —Distributions — Graphic representations; (s): Distribution tables and surfaces; Frequency surfaces; Surfaces of frequency.

Frescoes, School. *See* Decorations, School.

Fresh-air classes. *See* Open-air schools.

Freshman class. *(U)*
—High schools.
Refer from High schools.
—Universities and colleges.
Refer from Universities and colleges.

Freshman week. *(U)*
See also Orientation courses; Placement examinations.

Freshmen. *(U)*

Friars—Educational work. *See* Dominicans — Educational work; Franciscans — Educational work.

Friday afternoon exercises.
Refer from Assemblies — Elementary schools; Extra-curricular activities—Elementary schools; (s): Exercises (programs)

Friends, Society of—Educational work.
See also Pietism and education; Universities and colleges, Denominational.
Refer from Church education; Education —U. S.—Colonial period; (s): Quakers —Educational work.

Fumigation. *See* Disinfection and disinfectants.

Functional analysis.
Refer from Activity analysis; Courses of study—Construction; Education—Aims and objectives—Ascertainment.

Functional psychology.
Refer from Psychology; (s): Objective psychology; Psychology, Functional.

Functions of education. *See* Education—Aims and objectives.

Fundamental and accessory movements. *See* Motor processes; Muscles.

Fundamentals.
See also Arithmetic; English language—Composition; English language—Grammar; Handwriting; Reading; Spelling.
Refer from Curricula; Form and content.

Funds, School. *See* Income and receipts—Public schools; Permanent funds—Public schools.

Furniture. *(U)*
See also Apparatus; Lockers.
Refer from Equipment.

—Kindergartens.
Refer from Kindergarten rooms.

—Public schools.
See also Apparatus—Public schools; Desks and seats; Movable furniture; *also* names of special rooms, e.g. Kindergarten rooms.
Refer from Classrooms; Equipment—Public schools; (s): Benches, School; Bookcases, School; Chairs, School.

Fusion.
See also Binaural hearing; Binocular vision.
Refer from Mental development; Percepts and perception; Senses and sensation; Space perception; Tones.

G

G-scores.
(Reserved for measures of grade status)
See also Age norms.
Refer from Grade norms; Test scores; Tests and scales—Norms; (s): Grade scores.

Galin-Paris-Chevé method.
Refer from Singing—Teaching—Methods and technique.

Galleries. *See* Art—Galleries and museums.

Games.
See also Athletics; Ball games; Kindergarten games and songs; Motor education; *also* Games used as a school-subject subdivision *(S)* e.g. Geography—Games.
Refer from Character education; Competition; Physical education; Play; Playgrounds; Primitive peoples—Education; Recesses, School; Recreation; Self-activity; Social functions and activities; Supervised play; Teaching—Aids and devices.

Games, Corrective. *See* Corrective gymnastics.

Games, Olympic. *See* Olympic games.

Games, Psychology of. *See* Play.

Ganglia. *See* Nervous system.

Gangs.
Refer from Boys; Child study; Gregariousness.

Garbage and ash disposal. *(U)*
—Public schools.
See also Incinerators—Public schools.
Refer from Heating—School buildings; Hygiene, School; (s): Ash disposal—Public schools.

Gardens, School.
(Include school-home gardens)
Refer from Agricultural education; Botany; Community and school; Horticulture—High schools; Kindergarten education; Nature study; Vocational agriculture; (s): Home gardens.

Gary plan. *See* Platoon plan.

Gas engine. *(S, U)*
Refer from Industrial education.

General ability. *See* Ability.

General methods of teaching. *See* Teaching—Methods and technique.

General part-time schools. *See* Continuation schools.

General science. *See* Science—Junior high schools.

Generalization.
See also Abstract and concrete; Concepts and conception; Observation.
Refer from Induction; Induction and deduction; Learning; Memory; Reason and reasoning; Thought and thinking.

Generalization (recitation)
(Fourth step in the procedure of the recitation)

Generalization (recitation)—*(Continued)*
Refer from Recitation, Method of; (s): Definition (recitation)

Generic image.
Refer from Animal psychology; Images and imagery; Memory; Thought and thinking.

Genetic method.
Refer from Genetic psychology; Psychology — Research; Research, Educational.

Genetic psychology.
See also Activity; Adolescence; Animal psychology; Child psychology; Genetic method; Glands, Ductless; Learning; Meaning; Mental development; Number, Psychology of; Self.
Refer from Behaviorism; Eugenics; Evolution; Psychology; Psychology, Educational; Social psychology; (s): Developmental psychology; Evolutional psychology; Levels of development; Psychology, Genetic.

Genius.
See also Special abilities.
Refer from Ability; Differential psychology; Mentally superior; (s): Supernormal children.

Gentry and nobles—Education.
See also Academies; Chivalric education; Courtesy and etiquette; Courtly academies; Letters and arms; Palace schools; Social realism.
Refer from Aristocrats—Education; Education—England—15th–16th centuries; Education—Europe—Medieval period; Realism in education; (s): Courtly education.

Geographical atlases. *See* Maps and atlases.

Geographical readers.
Refer from Readers; (s): Geography—Juvenile literature.

Geography. *(S, U)*
See also Commercial geography; Home geography; Nature study; Physical geography; Physiography.
Refer from Anthropology — Correlation with other subjects; Content subjects; Geology; Natural sciences.
—Eighth grades.
—Games.
—Juvenile literature. *See* Geographical readers; Geography—Textbooks.
—Minimum essentials.
—Projects.
—Teaching.
—Aids and devices.
See also Clay-modeling; Exhibits, Industrial; Globes; Map drawing; Maps and atlases; Museums; Visual aids.
—Methods and technique.
See also Biographical method; Excursions — Public schools; Inductive method; Journey method; Laboratory method; Location, Training in; Object teaching; Topical method; Type-study, Method of.
—Textbooks.
Refer from (s): Geography — Juvenile literature.
—Vocabulary studies.

Geography, Commercial. *See* Commercial geography.

Geography teachers. *(G, U)*
Refer from Teachers.

Geological laboratories.
(Include construction)
Refer from Laboratories.
—Equipment and supplies.

Geology. *(S, U)*
See also Chemistry; Geography; Mineralogy; Paleontology; Petrology; Physics; Physiography.
Refer from Natural sciences.
—Field work.
Refer from Geology—Teaching—Methods and technique.
—Teaching.
—Aids and devices.
See also Maps and atlases; Museums; Visual aids.
—Methods and technique.
See also Class discussions; Geology—Field work; Laboratory method; Lecture method.

Geometry. *(S, U)*
See also Analytic geometry; Constructive geometry; Drafting; Inventional geometry; Plane geometry; Solid geometry.
Refer from Mathematics; Quadrivium.
—Teaching—Methods and technique.
See also Form study.

German language. *(S, U)*
See also Commercial German.
Refer from Modern languages.

German measles. *See* Measles.

German teachers. *(G, U)*
(Teachers of the German language)
Refer from Modern language teachers; Teachers.

Gestalt.
Refer from Gestalt psychology; Patterns (psychology)

Gestalt psychology.
See also Analysis and synthesis; Animal behavior; Animal psychology; Association; Contrast; Environment; Experience; Gestalt; Instincts; Intelligence; Meaning; Memory; Mental development; Percepts and perception; Reflexes.
Refer from Psychology.

Gesture language. *See* Sign language.

Gifted children. *See* Mentally superior.

Gifts and bequests. *(U)*
See also Endowments.
Refer from Philanthropy, Educational; Revenues.
—Public schools.
See also Endowments—Public schools.
Refer from Revenues—Public schools.
—Universities and colleges.
See also Endowments—Universities and colleges.
Refer from Revenues—Universities and colleges.

Gifts and occupations.
(Materials organized in a series for the development of the constructive and esthetic power of young children)
See also Innate ideas.
Refer from Kindergarten education.

Gild schools.
Refer from Gilds, Medieval—Educational work; Music schools and conservatories; Musical education—History; Schools.

Gilds, Medieval—Educational work.
See also Apprentices—Education; Commercial education; Gild schools; Industrial education; Medical education; Pharmaceutical education.
Refer from Education—Europe—Medieval period; Universities and colleges—History; (s): Guilds, Medieval—Educational work.

Girl scouts.
Refer from Girls' clubs; Home-economics education; Scouts and scouting.

Girls.
See also Adolescence; Athletics for girls; Girls' clubs.
Refer from Conduct and deportment; Sex differences.
—Education.
See also Physical education for girls.

Girls' advisers. *See* Deans of girls; Student advisers and counselors—Public schools.

Girls' clubs.
See also Agricultural clubs; Camp-fire girls; Girl scouts.
Refer from Clubs; Girls; Home-economics education.

Girls' schools.
Refer from High schools; Private schools; Schools; Women—Education.

Glands, Ductless.
See also Adrenal glands; Goitre; Parathyroid glands; Pituitary gland; Thyroid glands.
Refer from Autonomic nervous system; Behavior; Emotions; Genetic psychology; Reacting mechanisms; Retardation, Mental; (s): Ductless glands; Endocrine glands.

Glee clubs. *(U)*
(Include choruses)
Refer from Musical organizations; Singing.
—Universities and colleges.
Refer from Musical organizations—Universities and colleges.

Globes.
Refer from Apparatus—Public schools; Geography—Teaching—Aids and devices; Teaching—Aids and devices.

Goitre.
(Include methods of prevention and removal)
Refer from Diseases and defects—Students; Glands, Ductless.

Golf.
Refer from Athletics.

Good-roads day.
(Include exercises and celebrations)
Refer from Special days.

Governesses.
Refer from Home, The, and education; Teachers; (s): Private teachers.

Government, School. *See* Administration—Public schools; Classroom management; Student self-government — Public schools.

Government (school subject) *See* Political science.

Government, Student. *See* Student self-government.

Gowns, Academic. *See* Academic costumes.

Grade forums.
Refer from Student self-government—Elementary schools.

Grade norms.
See also G-scores; *also* Norms used as a

Grade norms—*(Continued)*
test subdivision *(T)* e.g. Gray's oral reading test—Norms. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Tests and scales—Norms.

Grade of students leaving school. *See* Age and grade of students leaving school.

Grade-progress. *See* Age-grade-progress; Student progress.

Grade schools. *See* Elementary schools.

Grade scores. *See* G-scores.

Grade unit-costs. *See* Unit-costs per grade.

Grades, Assignment to. *See* Classification—Students.

Grades, Scholarship. *See* Marks—Students.

Grading of students. *See* Classification—Students.

Graduate schools.
See also Graduate students—Universities and colleges.
Refer from Schools; Universities—Colleges.

Graduate students. *(U)*
Refer from Students; (s): Postgraduate students.
—Universities and colleges.
Refer from Graduate schools; Students—Universities and colleges.

Graduate work. *(G, U)*
—Universities and colleges.
See also Absentia work.
Refer from Higher education; Research work.

Graduates. *(U)*
(Include ages)
Refer from Age and grade of students leaving school; Alumni; (s): Occupations of graduates.
—High schools.
Refer from (s): High schools—Graduates.
—Universities and colleges.
Refer from (s): College graduates; Universities and colleges—Graduates; University graduates.

Graduates (men) *(U)*
—Universities and colleges.
(Include success in business, politics, etc.)
See also University clubs.
Refer from (s): College men.

Graduates (women) *(U)*
Refer from Alumnae associations.
—Universities and colleges.
(Include success in business, marriage, etc.; also educational activities, e.g. the work done by the American association of university women. N. B. Names of organizations are not included in this List. Insert when needed)
See also Women's clubs—Educational work.
Refer from (s): College women; University women.

Graduation. *(U)*
See also Baccalaureate addresses; Class day; Commencements.
—Universities and colleges.

Graduation requirements. *(U)*
Refer from (s): Requirements for graduation.
—Universities and colleges.
See also Dissertations, Academic; Length of course—Universities and colleges; Residence requirements.
Refer from Degrees, Academic; Standards—Universities and colleges; (s): Universities and colleges—Graduation requirements.

Graduation with honors. *See* Honors degree systems.

Grammar.
See also Grammar used as a subdivision under names of languages, e.g. English language—Grammar.
Refer from Trivium.

Grammar grades.
(Usually includes the upper three grades of the elementary school, sometimes the upper four)
See also Eighth grades; Seventh grades; Sixth grades; *also* Grammar grades used as a unit-of-school-organization subdivision *(U)* e.g. Arithmetic—Grammar grades.
Refer from Elementary schools.

Grammar schools (elementary) *See* Elementary schools.

Grammar schools (English)
(Type of colonial and English secondary school)
See also Latin schools.
Refer from Bishops' schools; Education—History; Education—U. S.—Colonial period; High schools; Reformation, The, and education; Rennaissance, The, and education; Schools.

Grammatical week.
Refer from Special weeks.

Graphic methods.
(Include graphs)
See also Charts; Correlation—Graphic representations; Frequency tables and surfaces; Mechanical drawing; Percentiles — Graphic representations; Quartiles — Graphic representations; Test scores—Distribution—Graphic representations.
Refer from Arithmetic—Teaching—Aids and devices; Educational measurements; Publicity; Reports; Statistical methods; Student progress; (s): Diagrams.

Graphology. *See* Handwriting.

Gravity systems.
Refer from Ventilation—School buildings.

Greece—History. *(S, U)*
Refer from History; (s): Greek history.

Greek education, Ancient. *See* Education—Greece—Ancient period.

Greek history. *See* Greece—History.

Greek language. *(S, U)*
See also Greek teachers.
Refer from Ancient languages; Classical languages.

—Teaching—Methods and technique.
See also Translation.

Greek letter societies. *(U)*
Refer from Clubs; Extra-curricular activities; Student organizations and societies; (s): Fraternities, Greek letter; Societies; Sororities, Greek letter.

—Universities and colleges.
Refer from Student life—Universities and colleges; (s): College fraternities; College secret societies.

Greek letter societies (honorary)
(Membership based upon high scholastic attainments)
See also names of special societies, e.g. Phi Beta Kappa. N. B. Names of societies are not included in this List. Insert when needed.
Refer from Honors—Universities and colleges; (s): Honorary fraternities; Secret societies.

Greek letter societies (professional)
See also names of special societies, e.g. Phi Delta Kappa. N. B. Names of societies are not included in this List. Insert when needed.
Refer from Professional education; (s): Professional fraternities; Secret societies.

Greek letter societies (social) *(U)*
(Include controversial literature)
See also Society houses—Students; *also* names of special societies, e.g. Alpha Sigma Alpha. N. B. Names of societies are not included in this List. Insert when needed.
Refer from Student life; (s): Secret societies.
—High schools.
—Universities and colleges.

Greek letter society houses. *See* Society houses—Students.

Greek literature. *(S, U)*
Refer from Classical literature.

Greek teachers. *(G, U)*
(Teachers of the Greek language)
Refer from Greek language; Language teachers; Teachers.

Greenhouses. *(U)*
Refer from Agricultural education; Horticulture.

Gregariousness.
See also Gangs.
Refer from Instincts.

Grippe.
Refer from Communicable diseases; (s): Influenza.

Grounds. *(U)*
See also Appraisal—Grounds; Athletic fields; Building sites; Depreciation—Grounds; Sales—Grounds.
Refer from Plants.
—Costs. *(U)*
Refer from Capital outlay; Plants—Costs.
—Public schools.
Refer from Capital outlay—Public schools.
—Public schools.
See also Building sites—Public schools; Fences—Public schools; Playgrounds—Public schools.
Refer from Plants—Public schools; (s): Premises, School; School grounds.
—Universities and colleges.
Refer from Plants—Universities and colleges; (s): Campus.

Group consciousness. *See* Social psychology.

Group instruction.
See also Socialized recitation.
Refer from Teaching—Methods and technique.

Group intelligence tests. *See* Intelligence tests, Group.

Group-system of courses. *(U)*
See also Balanced courses.
Refer from Curricula.
—Universities and colleges.
Refer from Curricula—Universities and colleges.

Grouping by ability. *See* Homogeneous grouping.

Grouping within grades. *See* Homogeneous grouping.

Growth. *See* Development.

Growth, Mental. *See* Mental development.

Growth, Physical.
See also Adolescence; Age-height-weight tables; Anatomical age; Craniometry; Nascent periods; Physiological age; Weight—Students.
Refer from Anthropometry; Child hygiene; Child study; Development; Differential psychology; Educational measurements; Health—Students; Infancy; Physical examinations; Somatology; (s): Body, Growth of; Levels of development; Physical development; Physical growth.

—Defects. *See* Physical defects.

Growth, Professional. *See* Professional growth (education)

Guidance departments—Public schools. *See* Counseling systems—Public schools.

Guidance programs. *See* Counseling systems.

Guilds, Medieval — Educational work. *See* Gilds, Medieval—Educational work.

Gustatory perception.
See also Gustatory sensations.
Refer from Percepts and perception; (s): Taste.

Gustatory sensations.
Refer from Experimental psychology; Gustatory perception; Senses and sensation; Tongue.

Gymnasiums. *(U)*
(Include construction and finish; also dressing and shower rooms)
See also Basket ball; Volley ball.
Refer from Athletics; Physical education.

—Equipment.
See also Apparatus—Physical education; Lockers.

—Public schools.
See also Bathing facilities—School buildings; Baths, School; Playrooms—Public schools; Swimming pools — Public schools.
Refer from Architecture, School.

Gymnastics. *(S, U)*
(Formal and natural)
See also Apparatus work; Calisthenics; Running; Tactics (marching)
Refer from Exercise; Hygiene, Personal; Physical education; Physical education for women; (s): Delsarte system; Drills, Athletic; Physical training; Training, Physical.

Gymnastics, Corrective. *See* Corrective gymnastics.

H

Habit.
(Acquired motor reactions)
See also Accommodation; Acquired characteristics; Attention; Automatic movements; Automaton theory; Consciousness; Control; Coordination; Cross education; Drill; Facilitation; Health habits; Inhibition; Integration; Learned responses; Patterns (psychology); Plasticity; Practice; Practice effects; Substitutional method.
Refer from Behavior; Child psychology; Classroom management; Determinism, Educational; Experimental psychology; Learning; Mental development; Nervous system; Personality; Psychology; Reactions; Study; Teaching—Theories and principles; (s): Motor control; Voluntary control.

Habit formation. *See* Learning.

Habit spasms.
Refer from Movement disorders; Nervous system—Diseases; Neurotic children; Psychasthenia; Retardation, Mental; Spasms; (s): Tic.

Habits, Transfer of. *See* Cross education.

Habits and skills.
See also Habits and skills used as a school-subject subdivision *(S)* e.g. Reading—Habits and skills.
Refer from (s): Skills and habits.

Half-day sessions.
(The use of the school plant for two shifts of students daily because of the inadequacy of school sittings)
Refer from Administration—City schools; Length of session; (s): Double sessions; Part-day sessions; Part-time plan; Part-time sessions; Sittings.

Halls—School buildings. *See* Stairways and corridors—School buildings.

Halls of residence. *(U)*
Refer from Board and lodging—Students; (s): Dormitories; Residence halls.
—Administration. *(U)*
—Universities and colleges.
Refer from (s): Dining halls—Universities and colleges.

Hallucinations.
See also Images and imagery; Paresthesia.
Refer from Alcohol and alcoholism; Delirium; Dementia precox; Dreams and dream states; Epilepsy; Illusions; Insanity and insanities; Paranoia; Percepts and perception; Psychoses.

Hand-raising habit.
Refer from Classroom management.

Handball.

Handbooks. *See* Manuals and handbooks; Student handbooks; *also* Manuals and handbooks used as a form subdivision *(F)* e.g. Mental tests—Manuals and handbooks.

Handedness. *See* Ambidexterity; Left- and right-handedness.

Handicrafts. *See* Arts and crafts.

Handwork. *(S, U)*
See also Basketry; Clay-modeling; Needle work.
Refer from Arts and crafts; Practical-arts education.

—Primary grades.
(Elementary industrial arts)
See also Busy work; Cardboard construction; Construction work.
Refer from Industrial arts; Self-activity; (s): Primary handwork.

Handwriting. *(S, U)*
See also Manuscript writing; Mirror writing.
Refer from Commercial education; Differential psychology; Formal subjects; Fundamentals; Three R's; Writing; (s): English; Graphology; Penmanship.

—Hygiene.
See also Arm-movement method; Desks and seats; Eye—Care and hygiene; Finger- and arm-movement method; Lighting—School buildings; Slant handwriting; Vertical handwriting.
Refer from (s): Writer's cramp.

—Practice.
Refer from Handwriting — Teaching — Aids and devices.

—Psychology.
See also Coordination; Images and imagery; Motor processes; Percepts and perception; Recognition; Senses and sensation.

—Second grades.

—Teaching.

—Aids and devices.
See also Copy setting; Handwriting—Practice; Rhythm.

—Methods and technique.
See also Analytic method; Arm-movement method; Dictation, Method of; Finger- and arm-movement method; Slant handwriting; Synthetic method; Vertical handwriting.

Hard-of-hearing.
Refer from Children; Deaf; Physically handicapped.

—Education.
(Include classes)
Refer from Special education.

Harmonious development. *See* Development.

Harmony. *(S)*
Refer from Music.

Hazing.
Refer from Student life.

Headache.
Refer from Medical inspection; Nervous system—Diseases.

Heads of departments. *(U)*
Refer from Supervision of teaching; (s): Department heads.

—High schools.
Refer from High schools—Departments.

—Universities and colleges.
Refer from Universities and colleges—Departments.

Health. *(P)*
See also Exercise; Hygiene, Personal.
Refer from Education—Aims and objectives.

—Students. *(U)*
See also Clothing—Students; Communi-

Health—Students—*(Continued)*
cable diseases; Desks and seats; Disease carriers; Disease prevention; Diseases and defects—Students; Ear—Care and hygiene; Eye—Care and hygiene; Food — Students; Footwear — Students; Growth, Physical; Health—Teachers; Hygiene of instruction; Length of session; Medical examinations; Mental hygiene; Morbidity—Students; Mortality —Students; Nose—Care and hygiene; Nutrition—Students; Teeth—Care and hygiene; Throat—Care and hygiene; Weight—Students.

Refer from Attendance—Students; Educational guidance; Health supervision; Medical inspection; Retardation—Students; State, The, and education; Student progress; Temperament; Vocational guidance; (s): Students—Health.

—Elementary schools.
See also Child hygiene.
Refer from (s): Children—Health.

—Public schools.
See also Bathing facilities — School buildings; Housekeeping — School buildings; Hygiene, School; Lunches, School; Playgrounds—Public schools.

—Students (women)—Universities and colleges.
Refer from (s): College women—Health.

—Teachers. *(U)*
See also Class-size; Hygiene, School; Leaves of absence—Teachers; Length of class periods; Length of session; Medical examinations for teachers; Physical examinations for teachers; Sabbatical year — Teachers; Tuberculosis; Vacations.
Refer from Health — Students; Health supervision; Hygiene of instruction; Length of service—Teachers; Medical inspection; Morbidity — Teachers; Teacher accounting; Teachers—Qualifications; (s): Teachers—Health.

Health certificates. *See* Employment certificates.

Health charts.
Refer from Charts; Health education.

Health clubs.
Refer from Clubs; Health education; (s): Hygiene—Clubs.

Health crusades.
Refer from Health publicity.

Health day.
(Include exercises and celebrations)
Refer from Health education.

Health demonstrations.
Refer from Health education.

Health departments. *(U)*
(Include activities, organization, and personnel)
See also Health supervision.

—Public schools.
(Include organization and personnel)
See also Communicable diseases; Dentists —Public schools; Health directors—Public schools; Health officers—Public schools; Health record systems—Public schools; Health reports—Public schools; Health supervision — Public schools; Health supervisors — Public schools; Health surveys—Public schools; Health teachers; Hygiene, School; Medical inspection—Public schools; Nurses—Public schools; Physical examinations—Public schools; Physicians — Public schools; Sanitation—School buildings.

Health departments — Public schools — *(Continued)*

Refer from Administration—City schools.

Health directors. *(U)*

—Public schools.

Refer from Health departments—Public schools.

Health education. *(G, U)*

See also Biology; Communicable diseases; Demonstration agents; Disease prevention; Drinking cups; Ear—Care and hygiene; Eugenics; Eye—Care and hygiene; First aid; Health charts; Health clubs; Health day; Health demonstrations; Health habits; Health programs; Health publicity; Health stories; Health supervisors — Public schools; Health teachers; Health week; Hygiene; Nature study; Nurses; Physical education; Physicians; Physiology; Play; Posture; Safety education; Scouts and scouting; Sex education; Temperance instruction.

Refer from Citizenship education; Education; Health surveys; Parents and teachers; Sociology, Educational; (s): Health instruction.

—Aims and objectives.

—Costs.

Refer from Costs and expenditures.

—Teacher training.

Refer from Teacher training.

Health examinations. *See* Daily inspection; Medical inspection; Physical examinations.

Health exhibits.

Refer from Exhibits.

Health habits.

Refer from Habit; Health education; Health record systems; Hygiene; Hygiene, Personal; Preschool education.

Health inspection. *See* Medical inspection.

Health instruction. *See* Health education.

Health officers. *(U)*

—Public schools.

Refer from Health departments—Public schools.

Health play schools.

(For the all-day care of under-nourished children)

Refer from Anemic children—Education; Health supervision — Public schools; Schools; Special education; Vacation schools; (s): Play schools.

Health programs. *(U)*

Refer from Health education.

Health publicity.

See also Health crusades; Posters.

Refer from Health education; Publicity.

Health record systems. *(G, U)*

(Include forms used, e.g. individual health record cards, survey cards, exclusion cards, etc.)

See also Building inspection—Record systems; Communicable diseases; Health habits; Medical inspection—Record systems; Physical examinations—Record systems.

Refer from Record systems; Student accounting—Record systems.

—Public schools.

Refer from Health departments—Public schools.

Health reporting systems. *(G, U)*

(Include forms used, e.g. notices to parents, nurses' report cards, monthly reports of teacher, principal, medical director, etc.)

See also Building inspection—Reporting

Health reporting systems—*(Continued)*
systems; Medical inspection—Reporting systems; Physical examinations — Reporting systems.
Refer from Reporting systems; Student accounting—Reporting systems.

Health reports. *(G, U)*
See also Building inspection—Reports.
Refer from Reports.
—Public schools.
Refer from Health departments—Public schools; Reports—Public schools.

Health schools. *See* Open-air schools.

Health service. *(U)*
—Public schools.
—Universities and colleges.
See also Hospitals and infirmaries—Universities and colleges; Vaccination.
Refer from (s): Universities and colleges —Health service.

Health service rooms. *(U)*
(Include waiting rooms and general service rooms)
See also Clinics; Dental clinics; Nurses' rooms.
Refer from Health supervision; (s): Infirmaries.
—Public schools.
See also Nurses' rooms—Public schools.
Refer from Architecture, School.

Health standards.
Refer from Nutrition—Students; Standards.

Health stories.
Refer from Children's stories; Health education.

Health supervision. *(G, U)*
See also Child hygiene; Clinics; Clothing —Students; Communicable diseases; Disease prevention; Food—Students; Health—Students; Health — Teachers; Health service rooms; Hygiene, Personal; Hygiene of instruction; Medical inspection; Mental hygiene; Physical education; Physically handicapped; Posture.
Refer from Health departments; Health surveys.
—Public schools.
See also Baths, School; Building inspection—Public schools; Daily inspection; Health play schools; Home and school; Hygiene, School; Nurses — Public schools; Nutrition classes; Open-air schools; Physicians — Public schools; Playgrounds — Public schools; Playrooms — Public schools; Sanitation — School buildings; Visiting teachers.
Refer from Boards of health and schools; Health departments—Public schools.

Health supervisors—Public schools.
Refer from Health departments—Public schools; Health education; Special supervisors — Public schools; Supervisors—Public schools.

Health surveys. *(U)*
See also Health education; Health supervision.
—Public schools.
Refer from Health departments—Public schools.

Health teachers.
Refer from Health departments—Public schools; Health education; Special teachers; Teachers.

Health week.
(Include exercises and celebrations)

Health week—*(Continued)*
Refer from Health education; Special weeks.

Hearing. *See* Auditory perception.

Hearing tests. *See* Auditory tests.

Heat spots. *See* Warm and cold spots.

Heating—College buildings.

Heating—School buildings.
(Include various systems, e.g. fireplaces, box stoves, jacketed stoves, hot-air furnaces, hot-water heating, steam heating, etc.)
See also Basements—School buildings; Engineers—Public schools; Garbage and ash disposal—Public schools; Power plants — Public schools; Thermostats; Ventilation—School buildings.
Refer from Air of classroom; Architecture, School; Efficiency; Sanitation—School buildings; Service systems—School buildings.

Heating standards. *(U)*
See also Thermostats.
Refer from Air of classroom; Standards; (s): Temperature of rooms.

Hebrew language. *(S)*
Refer from Ancient languages; Oriental languages.

Hedonism.
See also Mental discipline; Motives; Pleasure; Utilitarianism.
Refer from Ethics; (s): Pain and pleasure.

Height-weight tables. *See* Age-height-weight tables.

Helping teachers. *See* Assistant teachers.

Heredity.
See also Acquired characteristics; Atavism; Capacities; Epilepsy; Eugenics; Evolution; Individual differences; Insanity and insanities; Instincts; Mental development; Mentally deficient; Nativism; Natural selection; Original nature; Predisposition; Syphilis.
Refer from Biology; Character education; Determinism, Educational; Differential psychology; Education — Theories and principles; Intelligence; Parenthood education; Reaction psychology; Zoology; (s): Ancestry; Inheritance; Mutation.

Heredity, Social.
(Method of transmitting indirectly the achievements and acquisitions of the past)
Refer from Courses of study—Theories and principles; Sociology, Educational.

Heuristic method.
(Method of investigation by the original procedure to discover truths for oneself)
Refer from Mathematics — Teaching — Methods and technique; Science—Teaching—Methods and technique; Teaching —Methods and technique; (s): Discovery, Method of; Rediscovery method.

High-school annuals. *See* Student annuals—High schools.

High-school athletics. *See* Athletics—High schools.

High-school boards.
Refer from Administration—High schools.

High-school commencements. *See* Commencements—High schools.

High-school dramatics. *See* Dramatics—High schools.

High-school extension. *(G)*
Refer from Extension education.

High-school inspection. *See* Inspection—High schools.

High-school inspectors. *See* Inspectors—High schools.

High-school libraries. *See* Libraries—High schools.

High-school papers. *See* Student newspapers and periodicals—High schools.

High-school plays. *See* Plays—High schools.

High-school principals. *See* Principals—High schools.

High-school stories. *See* Stories — High schools.

High-school students. *See* Students—High schools.

High-school supervision. *See* Supervision of teaching—High schools.

High-school teachers. *See* Teachers—High schools.

High-school uniforms. *See* Uniforms—Students—High schools.

High-school week.
Refer from Contests—High schools; Publicity—Universities and colleges; Special weeks.

High schools. *(G)*
See also Accredited high schools; Agricultural high schools; Alumni—High schools; Boys' schools; Commercial high schools; Consolidated schools; Cosmopolitan high schools; County high schools; Folk high schools; Freshman class—High schools; Girls' schools; Grammar schools (English); Junior class—High schools; Junior colleges; Junior high schools; Junior-senior high schools; Manual-training high schools; Ninth grades; Private schools; Senior class — High schools; Senior high schools; Sophomore class—High schools; Student life—High schools; Students—High schools; Technical schools; Township high schools; Union high schools; University high schools; *also* High schools used as a unit-of-school-organization subdivision *(U)* e.g. Athletics—High schools.
Refer from Public schools; Schools; Secondary education.

—Administration. *See* Administration — High schools.

—Articulation. *See* Articulation — High schools.

—Buildings. *See* Buildings—High schools.

—Curricula. *See* Curricula—High schools.

—**Departments.**
(If separate entries are desired for special departments, insert those entries in the List and add cross-references)
See also Heads of departments—High schools.

—Enrollment. *See* Enrollment—Students—High schools.

—Entrance requirements. *See* Entrance requirements—High schools.

—Graduates. *See* Graduates—High schools.

—Standards. *See* Standards—High schools.

—Statistics. *See* Statistics—High schools.

High schools, Accredited. *See* Accredited high schools.

Higher criticism.
(Determination of authorship, time, and circumstances of the composition of a document by external and internal evidence)
Refer from Source method.

Higher education. *(G)*
See also Classical education; Coeducation—Universities and colleges; Degrees, Academic; Graduate work—Universities and colleges; Junior colleges; Normal schools and teachers colleges; Private schools; Professional education; Research; Scholarships and fellowships; Summer schools; Tutors and tutoring; Universities and colleges; University extension.
Refer from Adult education; Education; State, The, and education; (s): College education; University education.
—Aims and objectives.
—Costs.
See also Costs and expenditures—Universities and colleges.
—Teacher training.
Refer from Teacher training.
—Theories and principles.
—Value.

Higher education and business.
Refer from (s): Business and higher education.

Higher education and the state. *See* State, The, and education.

Hiking. *See* Walking.

Historical atlases. *See* Maps and atlases.

Historical method.
Refer from History—Teaching—Methods and technique; Teaching—Methods and technique.

Historical readers.
Refer from Readers; (s): History—Juvenile literature.

Historical societies. *(G)*
See also names of specific historical societies. N. B. Names of societies are not included in this List. Insert when needed.
Refer from (s): Societies.

History. *(S, U)*
See also Ancient history; Anthropology; Archaeology; Commercial history; Current events; Ethnology; Greece—History; Medieval history; Modern history; World history; *also* History used as a form subdivision *(F)* e.g. Europe—History; United States—History; Rome—History; Compulsory education — History.
Refer from Anthropology—Correlation with other subjects; Citizenship education; Content subjects; Social sciences.
—Clubs.
—Juvenile literature. *See* Historical readers; History—Textbooks.
—Teacher training.
—Teaching.
—Aids and devices.
See also Map drawing; Maps and atlases; Museums; Visual aids.
—Methods and technique.
See also Biographical method; Epitome method; Epochal method; Historical method; Intensive method; Lecture method; Library method; Narrative method; Notebook method; Reviews; Seminar method; Source method; Story-telling; Student themes and papers; Textbook method; Topical method.

History—*(Continued)*
—Tests and scales.
—Textbooks.
Refer from (s): History—Juvenile literature.

History, Ancient. *See* Ancient history.

History, Commercial. *See* Commercial history.

History teachers. *(G, U)*
Refer from Teachers.

Hockey, Field. *See* Field hockey.

Hockey, Ice. *See* Ice hockey.

Holding power. *(U)*
See also Elimination—Students.
Refer from (s): Persistence in school; Retention in school.

Holidays.
See also Christmas; Special days; Thanksgiving day.
Refer from Student life; Vacations; (s): National holidays.

Home, The, and education.
(Educational functions of the home as an institution)
See also Books and reading; Character education; Child welfare; Conversation; Crime and education; Governesses; Home and school; Home-economics education; Home libraries; Parenthood education; Parents — Economic status; Parents—Occupations; Parents—Social status; Preschool education; Primitive peoples—Education; Religious education; Self-education; Sex education; Vocational education.
Refer from Incidental education; Sociology, Educational; Women and education; (s): Education and the home; Family, The, and education; Home education.

Home and school.
(Include effect of home conditions on child's health, behavior, and power of learning)
See also Exhibits—Public schools; Home credits; Home projects; Home study; Nurses—Public schools; Parent-teacher associations; Parents and teachers; Student advisers and counselors; Visitations, Class; Visiting teachers.
Refer from Community and school; Discipline, School; Health supervision—Public schools; Home, The, and education; Home-economics education; Pietism and education; Sociology, Educational; (s): Cooperation—School and home.

Home and school associations. *See* Parent-teacher associations.

Home cards. *See* Report cards.

Home credits.
Refer from Agricultural education; Home and school; Home-economics education; (s): Credit for home work; Home work, School credit for.

Home demonstration work.
Refer from Home-economics extension; (s): Farm home demonstration.

Home departments—Sunday schools. *See* Sunday schools—Home departments.

Home economics. *(S, U)*
(A non-vocational school subject)
Refer from Home-economics education.
—Teaching—Methods and technique.
See also Laboratory method; Lecture method; Library method; Notebook method.

Home-economics apartments. *See* Home-economics cottages.

Home-economics cottages.
(For the practical learning of home economics)
Refer from Home-economics education; Home-economics laboratories; (s): Home-economics apartments; Home-economics practice houses; Model flats; Practice houses.

—Equipment.

Home-economics education. *(G, U)*
(Include both the vocational and non-vocational types)
See also Bacteriology; Cafeterias; Campfire girls; Chemistry; Child care; Clothing; Cooking; Cooking schools; Costume design; Dietetics; Excursions; First aid; Girl scouts; Girls' clubs; Home and school; Home credits; Home economics; Home-economics cottages; Home-economics extension; Home-economics laboratories; Home-economics schools; Home hygiene; Home management and accounts; Home mechanics; Home nursing; House furnishing and decoration; Household arts; Household chemistry; Kitchen gardens; Laundry; Marketing; Millinery; Serving; Sewing; Sewing schools; Social functions and activities; Textiles; Vocational home economics.
Refer from Agricultural education; Education; Home, The, and education; Indians in the U. S.—Education; Negroes in the U. S.—Education; Women—Education; Young women's Christian associations—Educational work; (s): Domestic economy; Domestic science; Home education; Home-making.

—Costs. *(U)*
Refer from Costs and expenditures.

—Curricula.

—Public schools.
See also Lunches, School.

—Short courses.
Refer from Agricultural extension; Home-economics extension; Short courses.

—Teacher training.
Refer from Teacher training.

—Universities and colleges.

Home-economics extension.
See also Agricultural exhibitions; County farm bureaus; Demonstration trains; Farmers' institutes; Home demonstration work; Home-economics education—Short courses; Lectures and lecture courses; Movable schools.
Refer from Extension education; Home-economics education; University extension.

Home economics for boys.

Home-economics laboratories.
(Include construction of laboratories for foods and cooking, textile and clothing, millinery, dressmaking, home-craft, laundering, and ironing)
See also Home-economics cottages.
Refer from Home-economics education; Laboratories; (s): Household-arts laboratories.

—Equipment and supplies.

Home-economics practice houses. *See* Home-economics cottages.

Home-economics schools. *(G)*
(Include university departments)
Refer from Home-economics education; Schools; Universities and colleges—Departments.

Home-economics teachers. *(G, U)*
Refer from Special teachers; Teachers.

Home education. *See* Home, The, and education; Home-economics education; Self-education.

Home gardens. *See* Gardens—Public schools.

Home geography. *(S, U)*
See also Environment; Excursions—Public schools.
Refer from Geography.

Home hygiene. *(S, U)*
See also Home nursing.
Refer from Home-economics education; Hygiene.

Home libraries.
Refer from Books and reading; Children's literature and reading; Home, The, and education; Libraries.

Home-making. *See* Home-economics education.

Home management and accounts. *(S, U)*
Refer from Home-economics education.

Home mechanics. *(S, U)*
Refer from Home-economics education; (s): Household physics.

Home nursing. *(S, U)*
Refer from Home-economics education; Home hygiene; (s): Nursing, Home.

Home projects.
See also Home projects used as a school-subject subdivision *(S)* e.g. Vocational agriculture—Home projects.
Refer from Home and school; Vocational agriculture; (s): Projects, Agricultural.

Home reading. *See* Books and reading; Recreational reading.

Home report cards. *See* Report cards.

Home-room teachers.
Refer from Platoon plan; Student advisers and counselors—Public schools; Teachers.

Home rooms.
Refer from Classrooms; Platoon plan; (s): Home stations; Report classes.

Home-school leagues. *See* Parent-teacher associations.

Home schools.
See also Visiting teachers.
Refer from Crippled children—Education; Immigrants in the U. S.—Education; Schools; Special education.

Home stations. *See* Home rooms.

Home study.
(School work which is prepared at home; home work is taken to mean work about the home)
Refer from Home and school; Hygiene of instruction; Study programs; Teaching—Methods and technique.

Home teachers. *See* Visiting teachers.

Home work, School credit for. *See* Home credits.

Homogeneous grouping. *(U)*
Refer from Classification—Students; Curricula—Differentiation; Individual differences—Adjustments; Supervision of teaching; (s): Ability grouping; Class grouping; Grouping by ability; Grouping within grades; Sectioning of classes; Segregation by ability; Speed grouping; X-Y-Z classes.

Honesty. *(S, U)*
See also Promptings by students.
Refer from Honesty education.

Honesty education.
See also Honesty.
Refer from Character education; Classroom management; Education; (s): Dishonesty.

Honor points and credits. *See* Point systems.

Honor rolls.
Refer from Incentives; Rewards and prizes.

Honor societies. *(U)*
(Organized among school children to assist in character building)
Refer from Character education.

Honor systems. *(U)*
(To prevent dishonesty on the part of students)
Refer from Character education; Cheating; Examinations; Student self-government.

Honorary degrees.
Refer from Degrees, Academic; Honors—Universities and colleges.

Honorary fraternities. *See* Greek letter societies (honorary)

Honors. *(U)*
See also Athletic honors; Scholarships and fellowships.
Refer from Rewards and prizes; (s): Scholastic honors.

—Universities and colleges.
See also Decorations of honor, Academic; Greek letter societies (honorary); Honorary degrees; Honors courses; Honors degree systems.

Honors as incentives. *See* Incentives; Rewards and prizes.

Honors courses.
Refer from Curricula—Universities and colleges; Honors—Universities and colleges; Individual differences—Adjustments—Universities and colleges; Mentally superior—Universities and colleges.

Honors degree systems.
(Degrees *cum laude, magna cum laude,* etc.)
Refer from Degrees, Academic; Honors—Universities and colleges; (s): Graduation with honors.

Hoods, Academic. *See* Academic costumes.

Hornbooks.
Refer from Reading—Teaching—Aids and devices.

Horticulture. *(S, U)*
(Include fruit growing, flower growing, vegetable growing, glass house, and nursery subjects)
See also Greenhouses.
Refer from Botany; Vocational agriculture; (s): Plant husbandry.

—High schools.
See also Gardens, School; Museums—Public schools.

Hospital classes.
Refer from Physically handicapped—Education; Special education.

Hospital schools.
(European public houses endowed to care for poor children)
Refer from Education—Europe—Medieval period; Education—History; Orphans—Education; Philanthropy, Educational; Pietism and education; Schools.

Hospitals and infirmaries. *(U)*
Refer from (s): Infirmaries.

—Universities and colleges.
Refer from Health service—Universities and colleges.

Hours, School. *See* Length of session.

House furnishing and decoration. *(S, U)*
Refer from Art education; Home-economics education.

Household arts. *(U)*
(Non-vocational home economics; a type of education in relation to the home which is of a general nature, given for broad appreciation and knowledge; consult Home-economics education for school-subject cross-references)
Refer from Home-economics education; Industrial arts; Practical-arts education; (s): Domestic arts.

Household-arts laboratories. *See* Home-economics laboratories.

Household chemistry. *(S, U)*
Refer from Chemistry; Home-economics education.

Household physics. *See* Home mechanics.

Housekeeping—School buildings.
See also Cleaning systems—School buildings; Dust (classroom)
Refer from Building inspection—Public schools; Classroom management; Health—Students—Public schools; Hygiene, School; Sanitation—School buildings; (s): Neatness, School.

Housing record systems. *See* Building inspection—Record systems.

Human measurements. *See* Anthropometry.

Humane education. *(G)*
See also Bird day; Essay contests; Humane societies; Sympathy.
Refer from Character education; Citizenship education; Education; (s): Animals, Treatment of; Kindness to animals.

Humane societies. *(G)*
See also names of humane societies. N. B. Names of societies are not included in this List. Insert when needed.
Refer from Humane education; (s): Societies.

Humanism.
See also Culture and cultural values.
Refer from Classical education; Courses of study—Theories and principles; Liberal education; Renaissance, The, and education.

Humanism and naturalism.
See also Culture and cultural values; Dualism; Nature; Neohumanism.
Refer from Curricula; Education—Europe—Modern period; Idealism and realism; Naturalism in education; Philosophy; Renaissance, The, and education; (s): Humanistic education.

Humanistic education. *See* Classical education; Humanism and naturalism; Liberal education; Renaissance, The, and education.

Humanistic realism. *See* Verbalism in education.

Humidity.
Refer from Air of classroom; Efficiency.

Hydrocephalous.
See also Convulsions.
Refer from Mentally deficient.

Hygiene. *(S, U)*
See also Anatomy; Bacteriology; Biology; First aid; Health habits; Home hygiene; Hygiene, Personal; Hygiene, School; Hygiene of instruction; Physiology, Human; Sex hygiene; Temperance instruction; *also* Hygiene used as a school-subject subdivision *(S)* e.g. Handwrit-

Hygiene—*(Continued)*
ing—Hygiene.
Refer from Health education; Physical education.
—Clubs. *See* Health clubs.
—Teaching.
—Aids and devices.
See also Visual aids.
—Methods and technique.
See also Laboratory method; Textbook method.

Hygiene, Child. *See* Child hygiene.

Hygiene, Dental. *See* Teeth—Care and hygiene.

Hygiene, Mental. *See* Mental hygiene.

Hygiene, Mouth. *See* Oral hygiene.

Hygiene, Oral. *See* Oral hygiene.

Hygiene, Personal.
(Cleanliness, clothing, diet, exercise, etc.)
See also Alcohol and alcoholism; Baths, School; Clothing; Food; Gymnastics; Health habits; Menstruation; Mental hygiene; Narcotics and narcotic habits; Oral hygiene; Pediculosis; Physiology, Human; Posture; Sleep; Smoking; Stimulants.
Refer from Classroom management; Disease prevention; Health; Health supervision; Hygiene; Sex education; (s): Body, Care of; Personal hygiene.

Hygiene, School.
See also Adolescence; Architecture, School; Baths, School; Building inspection—Public schools; Child hygiene; Disease prevention; Ear—Care and hygiene; Equipment—Public schools; Eye—Care and hygiene; Fire drills; Garbage and ash disposal—Public schools; Housekeeping—School buildings; Hygiene of instruction; Janitorial service—School buildings; Medical inspection—Public schools; Milk service—Public schools; Overpressure (education); Pediculosis; Sanitation—School buildings.
Refer from Boards of health and schools; Classroom management; Efficiency; Health — Students — Public schools; Health—Teachers; Health departments—Public schools; Health supervision—Public schools; Hygiene; Improvability; State, The, and education; Student cooperation and service; Women's clubs—Educational work.

Hygiene, Sex. *See* Sex hygiene.

Hygiene, Social. *See* Sex education.

Hygiene of instruction.
See also Air of classroom; Blackboards; Color of walls; Desks and seats; Excursions; Fatigue, Mental; Health—Teachers; Home study; Length of session; Lighting—School buildings; Punishments and penalties; Recesses, School; Recitations; Textbooks; Time allotments; Vacations; Weather; *also* Hygiene used as a school-subject subdivision *(S)* e.g. Reading—Hygiene.
Refer from Health—Students; Health supervision; Hygiene; Hygiene, School; (s): Instruction, Hygiene of; Teaching—Hygiene.

Hypaesthesia. *See* Hypesthesia.

Hypalgesia. *See* Anesthesia and anesthesias.

Hyperaesthesia. *See* Hyperesthesia.

Hyperalgesia.
Refer from Pain.

Hyperesthesia.
Refer from Cutaneous sensations; Neurotic children; Senses and sensation; (s): Hyperaesthesia.

Hypermetropia. *See* Eye—Care and hygiene; Eye—Examinations.

Hyperopia.
Refer from Eye—Diseases and defects.

Hypesthesia.
(Decrease in ability to appreciate pressure-like sensations)
Refer from Anesthesia and anesthesias; (s): Hypaesthesia; Hypoaesthesia.

Hypnosis.
See also Somnambulism; Suggestion; Trance.
Refer from Epilepsy; Mesmerism; Mind and body; Psychical research; Psychotherapy; Sleep; Subconscious mind; (s): Animal magnetism; Hypnotism.

Hypnotism. *See* Hypnosis.

Hypoaesthesia. *See* Hypesthesia.

Hypoalgesia. *See* Anesthesia and anesthesias.

Hypothesis.
See also Concepts and conception; Ideas and ideation; Judgment; Verification.
Refer from Education—Aims and objectives — Ascertainment; Induction; Knowledge; Logic; Scientific methods.

Hysteria.
See also Allochiria; Amnesia; Anesthesia and anesthesias; Catalepsy; Mania and manias; Mutism; Narcolepsy; Nightmares; Stupor; Suggestion; Trance; Vertigo.
Refer from Nervous system—Diseases; Neurotic children; Psychoneuroses; Psychoses; Psychotherapy; Will — Diseases.

I

Ice hockey.
Refer from Athletics; (s): Hockey, Ice.

Idealism.
(Philosophical and educational connotations)
See also Causation; Concepts and conception; Ideas and ideation; Monism; Object and subject; Percepts and perception; Self-consciousness; Transcendentalism.
Refer from Education—Theories and principles; Epistemology; Idealism and realism; Materialism; Philosophy; Positivism.

Idealism and realism.
See also Dualism; Humanism and naturalism; Idealism; Realism; Social realism.
Refer from Philosophy; (s): Nominalism.

Ideals.
(Nature and function)
Refer from Character education; Education—Theories and principles; Ethnopsychology; Learning.

Ideas and ideation.
See also Abstraction; Association; Delusions; Fixed ideas; Ideomotor; Images and imagery; Imagination; Innate ideas; Internal speech; Intuition.
Refer from Concepts and conception; Consciousness; Hypothesis; Idealism; Intellect; Knowledge; Learning; Recognition; Thought and thinking; (s): Nominalism.

Ideational types.
(Auditory, visual, motor, and mixed)
See also Ear mindedness; Eye mindedness.
Refer from Child psychology; Images and imagery; Imagination; Mental functioning, Types of; (s): Imagery types; Mental imagery; Mental types.

Identification tests.
(Type of test or examination)
Refer from Recognition tests; Tests—Types.

Ideomotor.
See also Fixed ideas.
Refer from Ideas and ideation; Motor processes.

Idiocy. *See* Idiots and idiocy.

Idiosyncrasies. *See* Individual differences.

Idiot-savants.
Refer from Idiots and idiocy; Special abilities.

Idiots and idiocy.
See also Amaurotic family idiocy; Cretinism; Idiot-savants; Mutism; Stupor.
Refer from Children; Mentally deficient; (s): Idiocy.

Illiteracy. *(G)*
See also Child labor; Compulsory education; Crime and education; Evening schools; Immigrants in the U. S.; Moonlight schools; Negroes in the U. S.

Illiteracy—*(Continued)*
Refer from Adult education; Sociology, Educational.

Illiterates, Criminal—Education. *See* Criminals—Education.

Illness. *See* Morbidity.

Illumination—School buildings. *See* Lighting—School buildings.

Illusions.
See also Errors of observation; Hallucinations.
Refer from Dreams and dream states; Experimental psychology; Percepts and perception; Psychoses; (s): Optical illusions.

Illustration (teaching device)
Refer from Teaching—Aids and devices; Visual aids.

Illustrative drawing. *(S, U)*
Refer from Drawing.

Imageless thought.
Refer from Images and imagery; Meaning; Thought and thinking.

Imagery. *See* Images and imagery.

Imagery tests.
Refer from Psychological tests.

Imagery types. *See* Ideational types.

Images and imagery.
(The content phase of idea)
See also Generic image; Ideational types; Imageless thought.
Refer from Consciousness; Hallucinations; Handwriting—Psychology; Ideas and ideation; Imagination; Introspection; Learning; Memory; Psychology; Reading—Psychology; Reason and reasoning; Recognition; Recollection; Spelling—Psychology; (s): Imagery; Mental imagery; Thought content.

Imagination.
See also Association; Dreams and dream states; Ideational types; Images and imagery; Introversion; Recollection; Simulation; Worry.
Refer from Child psychology; Ideas and ideation; Learning; Memory; Play; (s): Constructive imagination; Daydreams; Fancy; Invention; Originality; Reverie.

Imbeciles and imbecility.
See also Mutism; Stupor.
Refer from Children; Mentally deficient.

Imitation.
Refer from Academic method; Accommodation; Animal psychology; Character education; Differential psychology; Discipline, School; Impulse; Learning; Mob psychology; Modern languages—Pronunciation; Preschool education; Primitive peoples—Education; Psychology, Educational; Rote singing; Self-activity; Social psychology; Study; Sympathy; Teaching—Methods and technique.

Immigrant education. *See* Immigrants in the U. S.—Education.

Immigrants in the U. S.
(Include data on intelligence)
Refer from Illiteracy; Intelligence.
—Education.
(The education of both adults and children)
See also Adult education; Americanization; Chinese in the U. S.—Education; Citizenship education; English language for foreigners; Evening schools; For-

Immigrants in the U. S. — Education—*(Continued)*
eign-speaking children — Education; Home schools; Neighborhood schools; Textbooks for foreigners; Visiting teachers; *also* names of immigrants by nationality with phrase in the U. S.—Education, e.g. Chinese in the U. S.—Education.
Refer from Education—U. S.; Sociology, Educational; (s): Aliens—Education; Foreign population in the U. S.—Education; Foreigners in the U. S.—Education; Immigrant education.

Immorality. *See* Morality and moral sense.

Immunities as incentives. *See* Incentives.

Impersonations. *See* Dramatization.

Impressions (psychology) *See* Senses and sensation.

Improvability.
See also Attention; Emotions; Interest; Length of practice periods.
Refer from Daily programs and time schedules; Hygiene, School; Learning; Overlearning.

Improvement, Rate of. *See* Curves of learning.

Improvement of teachers. *See* Teacher training in service.

Impulse.
(Nature and function)
See also Imitation; Initiative; Simulation; Suggestion.
Refer from Activity; Conflict; Consciousness; Instincts; Learning.

Impulses, Nerve. *See* Nerve impulses.

In-and-outer classes.
(For persons temporarily out of employment or studying intensively for a short period to acquire vocational skills for a new occupation or for a more advanced position in the old)
Refer from Industrial education; Part-time education.

Inattention. *See* Attention.

Inaugurations—Presidents. *(U)*
—Universities and colleges.

Incentives.
(That which stirs up or incites motives to action; all are artificial)
See also Competition; Examinations; Honor rolls; Marks—Students—Uses; Promotions — Students; Punishments and penalties; Rewards and prizes.
Refer from Attention; Classroom management; Motives; (s): Approbation as incentive; Fear as incentive; Honors as incentives; Immunities as incentives; Praise as incentive.

Incidental education.
See also Correlation of school subjects; Home, The, and education.
Refer from Education.

Incidental method.
Refer from Arithmetic—Teaching—Methods and technique; English language—Grammar — Teaching — Methods and technique; Spelling—Teaching—Methods and technique; Teaching—Methods and technique; (s): Informal method.

Incinerators. *(U)*
—Public schools.
Refer from Garbage and ash disposal—Public schools.

Income and receipts. *(U)*
See also Revenues.

Income and receipts—*(Continued)*
Refer from Assets; Finance; Financial accounting; (s): Receipts; Sources of income.
—City schools.
Refer from Finance—City schools.
—Public schools.
(Include all sources)
See also Appropriations—Public schools; Bonded indebtedness—Public schools; Insurance adjustments—Public schools; Loans (short term)—Public schools; Revenues—Public schools; Sales—Buildings—Public schools; Sales—Equipment—Public schools; Sales—Grounds—Public schools.
Refer from Finance—Public schools; Financial accounting—Public schools; (s): Funds, School.
—Universities and colleges.
See also Revenues—Universities and colleges.
Refer from Finance—Universities and colleges; Philanthropy, Educational.

Incorrigible children. *See* Delinquent children.

Indebtedness. *See* Debts.

Indefinite tenure. *See* Tenure—Teachers.

Independent reading. *See* Recreational reading.

Independent schools. *See* Private schools.

Index numbers.
(Include method of)
Refer from Building materials—School buildings; Buildings—Costs; Capital outlay; Cost of living; Finance—City schools; Salaries; Statistical methods.

Indexes, Card. *See* Card catalogs.

Indian education. *See* Indians in the U. S.—Education.

Indians in the U. S.
(Include data as to their intelligence)
—Education.
See also Agricultural education; Home-economics education; Industrial education.
Refer from Catholic church—Educational work; Education—U. S.; Primitive peoples—Education; Sociology, Educational; United States—Government and education; (s): American Indians—Education; Indian education.
—Schools and colleges.
See also names of special schools, e.g. Carlisle, Pa. Indian industrial school. N. B. Names of schools are not included in this List. Insert when needed.

Indifference. *See* Attention; Feelings; Interest.

Indigent children—Education. *See* Dependent children—Education.

Indirect method of teaching. *See* Development method.

Indirect vision. *See* Fields of vision.

Individual differences.
See also Achievement tests; Acquired characteristics; Age; Atypical children; Biometry; Character traits; Dull children; Environment; Instincts; Intelligence; Mental age; Mental functioning, Types of; Mentally deficient; Mentally superior; Multiple-type theory; Nascent periods; Personal equation; Physically handicapped; Physiological age; Racial differences; Sex differences; Siblings;

Individual differences—*(Continued)*
Single-type theory; Special abilities; Statistical methods; Temperament; Twins.
Refer from Ability; Attendance—Students; Child psychology; Democracy and education; Differential psychology; Educational guidance; Evolution; Heredity; Individuality; Learning; Nativism; Original nature; Psychology, Educational; Student progress; Teaching—Theories and principles; Variation; Vocational guidance; (s): Deviations; Idiosyncrasies; Mental differences.

—Adjustments. *(U)*
See also Assignments, Lesson; Classification—Students; Courses of study—Differentiation; Curricula — Differentiation; Dalton plan; Elective systems; Homogeneous grouping; Individual instruction; Promotions—Students; Tutors and tutoring; Winnetka technique.
Refer from Equalization, Educational; (s): Adjustments to individual differences; Differentiation of work; Provision for individual differences.

—Public schools.
See also Intermediate education; Minimum essentials; Parallel courses; Promotions by subject; Supervised study.
Refer from Administration — Public schools; (s): Adaptation of schools to individual differences.

—Universities and colleges.
See also Honors courses.

Individual education. *See* Individual instruction.

Individual instruction. *(U)*
See also Batavia plan; Dalton plan; Pueblo plan; Tutors and tutoring; Winnetka technique.
Refer from Individual differences—Adjustments; Mentally deficient—Education; Mentally superior—Education; Teaching—Methods and technique; (s): Education, Individual; Individual education.

Individual intelligence tests. *See* Intelligence tests, Individual.

Individual psychology. *See* Differential psychology.

Individualism in education.
Refer from Education—Europe—Modern period.

Individuality.
See also Character traits; Individual differences; Initiative; Self-activity.
Refer from Democracy and education; Differential psychology; Education—Theories and principles; Self.

Induction.
See also Abstraction; Analysis and synthesis; Comparison; Contrast; Evidence; Experimental methods; Fallacies; Generalization; Hypothesis; Observation; Verification.
Refer from Deduction; Empiricism; Induction and deduction; Learning; Logic; Reason and reasoning; Research, Educational; Study; Teaching — Types; Thought and thinking; (s): Inference.

Induction and deduction.
See also Deduction; Generalization; Induction; Judgment; Meaning.
Refer from Knowledge; Learning; Study; Thought and thinking.

Inductive geometry. *See* Inventional geometry.

Inductive method.

See also Excursions—Public schools; Experiments, Teaching by; Observation; Recitation, Method of; Type-study, Method of.

Refer from Chemistry—Teaching—Methods and technique; Development method; Geography — Teaching — Methods and technique; Sociology—Teaching—Methods and technique; Teaching — Methods and technique; (s): Discovery, Method of.

Industrial arts. *(U)*

(Non-vocational industrial education ranging from kindergarten through the senior high school; a study of industry from the social as well as from the material side; consult industrial education for school-subject cross-references)

See also Arts and crafts; Excursions—Public schools; Handwork — Primary grades; Household arts; Manual arts; Manual training.

Refer from Art education; Practical-arts education; (s): Arts, Industrial.

—Fourth grades.

Industrial-arts schools. *(G)*

(Include special departments in universities and teachers colleges)

See also names of special schools, e.g. Illinois. University. School of ceramics. N. B. Names of schools are not included in this List. Insert when needed.

Refer from Adult education; Schools; (s): Mechanics' institutes.

Industrial-arts teachers. *See* Industrial teachers.

Industrial education. *(G, U)*

(Training for individual trades or industrial vocations)

See also Applied design; Apprentices—Education; Automechanics; Automotive education; Blind—Industrial training; Bookbinding; Brick, stone, and cement work; Cabinet-making; Carpentry; Child labor and education; Cooperative education; Corporation schools; Correspondence schools and courses; Criminals—Industrial training; Delinquent children—Industrial training; Dull-season classes; Electricity; Evening schools; Factory schools; Foremanship classes; Forging; Gas engine; In-and-outer classes; Industrial surveys; Industry and education; Job cost sheets; Job instruction sheets; Machine-shop; Mechanical drawing; Mentally deficient—Industrial training; Mining engineering; Motor processes; Occupational tests; Painting and varnishing; Part-time education; Pattern-making; Practical-arts education; Printing; Reform schools; Rehabilitation, Civil; Rehabilitation, Military; Sheet-metal work; Shop mathematics; Shops; Trade schools; Trade tests; Vestibule schools; Wood-turning; Wood-working.

Refer from Dual systems—Public schools; Education; Gilds, Medieval — Educational work; Indians in the U. S.—Education; Labor unions—Educational work; Negroes in the U. S.—Education; Reformatory education; State supervision of teaching; Vocational education; Workers' education; Young men's Christian associations — Educational work; (s): Mechanical education; Trade education.

Industrial education—*(Continued)*
—Costs. *(U)*
Refer from Costs and expenditures.
—Short courses.
Refer from Short courses.
—Teacher training.
Refer from Teacher training.

Industrial geography. *See* Commercial geography.

Industrial psychology.
Refer from Applied psychology; Psychology; (s): Psychology, Industrial; Vocational psychology.

Industrial rehabilitation. *See* Rehabilitation, Civil.

Industrial schools. *(G)*
Refer from Private schools; Reform schools; Schools.

Industrial schools (English) *See* Reform schools.

Industrial surveys.
Refer from Industrial education.

Industrial teachers. *(G, U)*
Refer from Special teachers; Teachers; (s): Industrial-arts teachers; Manual-training teachers.

Industry and education.
(Include attitude toward instruction in industrial education)
See also Cooperative schools.
Refer from Industrial education; (s): Education and industry.

Inequalities, Educational. *See* Equalization, Educational.

Infancy.
(Educational signification of the period from birth to about the end of the third year)
See also Adaptation; Capacities; Docility; Growth, Physical; Mothercraft and infant care; Plasticity.
Refer from Child psychology; Child study; Child welfare; Mental development; (s): Babyhood.

Infant education. *See* Preschool education.

Infant schools. *See* Nursery schools.

Infantile cerebral degeneration. *See* Amaurotic family idiocy.

Infantile paralysis.
Refer from Communicable diseases; Nervous system—Diseases; Paralysis; (s): Poliomyelitis.

Infectious diseases. *See* Communicable diseases.

Inference. *See* Induction.

Infirmaries. *See* Health service rooms; Hospitals and infirmaries.

Influenza. *See* Grippe.

Informal method. *See* Incidental method.

Information.
(Facts or ideas communicated and transmitted socially)
Refer from Knowledge; Learning.

Information talks.
Refer from Lecture method; Teaching—Methods and technique.

Inheritance. *See* Heredity.

Inhibition.
Refer from Attention; Habit; Learning; Nervous system; Physiological psychology; Reactions; Stupor; Transfer of training; (s): Repression.

Initiative.
See also Activity; Freedom of will.
Refer from Ability; Democracy and edu-

Initiative—*(Continued)*
cation; Education—Aims and objectives; Impulse; Individuality; Learning; Self-activity; (s): Spontaneity.

Innate ideas.
See also Intuition; Morality and moral sense.
Refer from Gifts and occupations; Ideas and ideation; Nativism; Neoplatonism; Predisposition; Soul-substance theory; Symbolism and education; Thought and thinking.

Inner speech. *See* Internal speech.

Innervation. *See* Nervous system.

Inoculation.
See also Toxins and antitoxins; Vaccination.
Refer from Disease prevention.

Inoculation tests. *See* Toxins and antitoxins.

Inorganic chemistry. *(S, U)*
Refer from Chemistry.

Insanity and insanities.
See also Alcohol and alcoholism; Attention; Delusions; Dementia precox; Dissociation; Hallucinations; Mania and manias; Manic-depressive insanity; Obsessions; Paranoia; Paresis; Senile insanity.
Refer from Heredity; Psychiatry; Psychoses; (s): Dementia; Psychotics.

Insignia. *(U)*
See also Coats of arms; Colors; Flags; Mottoes; Seals.
—Universities and colleges.
See also Colors—Universities and colleges.
Refer from (s): Universities and colleges—Insignia.

Insistent ideas. *See* Fixed ideas.

Insomnia.
Refer from Sleep.

Inspection. *(G, U)*
(A rating of a system, an institution, or a teacher without contribution to the situation)
—High schools. *(G)*
(By state authorities, state universities, etc.)
See also Accredited high schools.
Refer from State supervision of teaching; (s): High-school inspection.

Inspection, Medical. *See* Medical inspection.

Inspection of buildings. *See* Building inspection.

Inspectors. *(G, U)*
—High schools. *(G)*
Refer from State supervisors—Public schools; (s): High-school inspectors.
—Public schools. *(G)*
See also Supervisors—Public schools.
—Rural schools. *(G)*

Instincts.
See also Acquisitiveness; Affection; Anger; Bashfulness; Competition; Constructiveness; Control; Curiosity; Diffusion; Fear; Gregariousness; Impulse; Introversion; Jealousy; Mating instinct; Migratory instinct; Modesty; Natural selection; Play; Rationalization; Reflexes; Satisfiers and annoyers; Secretiveness; Self-assertion; Sleep; Sympathy; Utility theory.
Refer from Animal intelligence; Animal psychology; Behavior; Behaviorism; Child psychology; Emotions; Gestalt psychology; Heredity; Individual differ-

Instincts—*(Continued)*
ences; Learning; Mental development; Motivation in education; Original nature; Personality; Psychology; Psychology, Educational; Reaction psychology; Reactions; Recapitulation theory; Will; (s): Deferred instincts; Motor instincts; Mutation; Native reactions; Vestigial instincts; Voluntary control.

Institutes. *See* Farmers' institutes; Teachers' institutes.

Institutional schools. *(G)*
See also Blind—Schools and institutions; Blind-deaf—Schools and institutions; Deaf—Schools and institutions; Mentally deficient—Schools and institutions; Orphanage schools; Prison schools; Reform schools; State appropriations for education.
Refer from Schools; State, The, and education.

Institutions for research. *See* Research institutions.

Instruction (direct teaching) *See* Didactic method.

Instruction, Hygiene of. *See* Hygiene of instruction.

Instructional costs. *(U)*
See also Salaries.
Refer from Costs and expenditures.
—Public schools. *(G)*
See also Salaries — Teachers — Public schools.
Refer from Costs and expenditures—Public schools.

Instructional materials.
(Subject-matter materials used in teaching a subject)
See also Minimum essentials; *also* Instructional materials used as a school-subject subdivision *(S)* e.g. Spelling—Instructional materials.
Refer from Courses of study; Educational measurements; (s): Materials of instruction.

Instructional staff. *See* Teaching personnel.

Instructors. *See* Teachers.

Instrumental drawing. *See* Mechanical drawing.

Instrumental music. *(U)*
See also Bands; Music—Appreciation and interpretation; Musical instruments; Orchestras.
Refer from Music; (s): Music, Instrumental.
—Public schools.
—Teaching. *(U)*

Instruments of writing. *See* Writing—Materials and instruments.

Insurance.
Refer from Costs and expenditures—Public schools; Finance—City schools; Finance—Rural schools.
—Buildings. *(U)*
(Include fire insurance, tornado insurance, etc.)
Refer from (s): Buildings—Insurance.
—Public schools.
—Teachers. *(U)*
(Include life insurance, accident insurance, etc.)
See also Mutual aid and annuity associations—Teachers.
Refer from (s): Teachers—Insurance.
—Public schools.
See also Pensions and retirement systems—Teachers—Public schools.

Insurance adjustments. *(U)*
—Public schools.
Refer from Income and receipts—Public schools.

Insurance companies—Educational work.
Refer from Adult education; Sociology, Educational.

Integral calculus. *See* Calculus.

Integration.
See also Patterns (psychology)
Refer from Habit; Learning; Reaction psychology; Reactions.

Integration of studies. *See* Correlation of school subjects.

Intellect.
See also Ideas and ideation.
Refer from Knowledge; Mind; Thought and thinking.

Intellectualism.
Refer from Philosophy.

Intelligence. *(P)*
See also Apperception; Backward children; Borderline intelligence; Discrimination; Dull children; Faculty psychology; Heredity; Immigrants in the U. S.; Intelligence and moral adjustments; Intelligence and school success; Intelligence and social adaptability; Intelligence and vocational success; Intelligence quotient; Intelligence testing; Intelligence tests; Learning and scholarship; Mental age; Mental development; Mentally deficient; Mentally superior; Negroes and Whites; Siblings; Special abilities; Transfer of training; Twins.
Refer from Ability; Differential psychology; Gestalt psychology; Individual differences; Personality; Psychology, Educational; (s): Mental ability.
—Students. *(U)*
See also Classical and non-classical students.
Refer from (s): Students—Intelligence.
—High schools.

Intelligence and moral adjustments.
Refer from Intelligence.

Intelligence and school success. *(U)*
See also Achievement tests; Achievements—Students.
Refer from Intelligence.

Intelligence and social adaptability.
Refer from Intelligence.

Intelligence and vocational success.
Refer from Intelligence.

Intelligence of animals. *See* Animal intelligence.

Intelligence of man.

Intelligence of woman.
Refer from Women—Education.

Intelligence quotient.
(I. Q.; include coefficient of brightness and index of brightness)
See also Accomplishment ratio; B-scores.
Refer from Age; Classification—Students; Intelligence; Intelligence tests; Mental age; Mental development; (s): Brightness, Degree of.

Intelligence testing. *(U)*
See also Intelligence tests; Statistical methods.
Refer from Educational measurements; Ethnopsychology; Intelligenee.

Intelligence tests. *(T, U)*
(Tests for measuring native capacity for learning)
See also Age; Form-board tests; Intelligence quotient; Mental age; Performance tests; Puzzles, Psychological; *also* names of specific tests, e.g. Binet-Simon test. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Applied psychology; Batteries of tests; Clinical psychology; Comparative method; Examinations; Experimental psychology; Intelligence; Intelligence testing; Mental tests; Prognosis tests; Psychology, Educational; Survey tests; Testing programs; Tests and scales; (s): Ability tests; Intelligence tests, Linguistic; Intelligence tests, Verbal; Maturity tests; Psychometry; Verbal tests.
—**Scores.**
—**Universities and colleges.**
Refer from Entrance requirements—Universities and colleges; Examinations—Universities and colleges.
—**Uses.**
Refer from Classification—Students; Educational guidance; Personnel service; Promotions—Students; Supervision of teaching; Vocational guidance.

Intelligence tests, Group.
See also names of specific tests, e.g. Otis group intelligence scale, advanced examination. N. B. Names of tests are not included in this List. Insert when needed.
Refer from (s): Group intelligence tests.

Intelligence tests, Individual.
See also names of specific tests, e.g. Binet-Simon test. N. B. Names of tests are not included in this List. Insert when needed.
Refer from (s): Individual intelligence tests.

Intelligence tests, Linguistic. *See* Intelligence tests.

Intelligence tests, Non-verbal. *See* Performance tests.

Intelligence tests, Verbal. *See* Intelligence tests.

Intensity.
Refer from Limen; Senses and sensation.

Intensive method.
See also Epitome method.
Refer from History—Teaching—Methods and technique; Teaching—Methods and technique.

Interactionism.
Refer from Education—Theories and principles; Epistemology; Mind and body; Philosophy; Purposive psychology; Thought and thinking.

Interchange. *(P)*
Refer from Migrations.
—**Students.** *(U)*
Refer from International education; Travel as education; World peace and education; (s): Exchange — Students; International exchange—Students; Students, Interchange of.
—**Universities and colleges.**
Refer from Administration—Universities and colleges; American students in foreign countries; Foreign students in the U. S.
—**Teachers.** *(U)*
Refer from International education;

Interchange—Teachers—*(Continued)*
World peace and education; (s): Exchange — Teachers; International exchange—Teachers; Teachers, Interchange of.

—Universities and colleges.
Refer from Administration—Universities and colleges; Teachers—Universities and colleges; (s): Professors, Interchange of.

Intercollegiate athletics. *See* Athletics, Intercollegiate.

Interest.
See also Attention; Competition; Concentration; Curiosity; Duty; Effort; Many-sided interest; Puzzles, Psychological; Transfer of training.
Refer from Achievements—Students; Attention; Child psychology; Drill; Improvability; Knowledge; Learning; Motivation in education; Motives; Objective method; Psychology; Psychology, Educational; Questioning, Art of; Teaching — Methods and technique; Teaching — Theories and principles; (s): Indifference.

Interest (income) *(U)*
Refer from Loans (short-term)

—Public schools.
Refer from Loans (short-term)—Public schools; Revenues—Public schools.

Interest (indebtedness) *(U)*
Refer from Bonded indebtedness; Debt service; Liabilities; Loans (short-term)

—Public schools.
Refer from Bonded indebtedness—Public schools; Loans (short-term)—Public schools.

Interlinear texts. *See* Ponies (translations)

Intermediate education. *(G)*
(Usually the seventh, eighth, and ninth grades)
See also Junior high schools; Prevocational education; Promotions by subject; Socialized recitation.
Refer from Economy of time; Education; Individual differences—Adjustments—Public schools; Secondary education; Six-three-three plan.

—Costs.
Refer from Costs and expenditures—Public schools.

Intermediate grades.
(Usually includes the fourth and fifth grades, sometimes the third and sixth grades in addition)
See also Fifth grades; Fourth grades; *also* Intermediate grades used as a unit-of-school-organization subdivision *(U)* e.g. Silent reading—Intermediate grades.
Refer from Elementary schools.

Intermediate high schools. *See* Junior high schools.

Internal speech.
Refer from Ideas and ideation; Reading —Psychology; Thought and thinking; (s): Inner speech.

International education.
See also Interchange—Students; Interchange—Teachers; International universities; Student tours; Travel as education; Travel schools; World peace and education.
Refer from Education; Internationalism.

International exchange—Students. *See* Interchange—Students.

International exchange—Teachers. *See* Interchange—Teachers.

International language. *See* Language, Universal.

International peace and education. *See* World peace and education.

International universities.
Refer from International education; Universities and colleges; (s): World university.

Internationalism. *(S, U)*
See also International education; World peace and education.

Interscholastic athletics. *See* Athletics, Interscholastic.

Interviews and conferences.
(Device used in collecting information; also used as an agency in character education)
Refer from Applications for positions; Character diagnosis; Courses of study—Construction; Discipline, School; Education—Aims and objectives—Ascertainment; Personnel service; Student advisers and counselors; Supervision of teaching; (s): Conferences, Personal; Personal interviews.

Intoxication.
See also Stupor.
Refer from Alcohol and alcoholism; Movement disorders; Psychoses.

Intramural athletics. *See* Athletics, Intramural.

Introspection.
See also Images and imagery.
Refer from Consciousness; Introspective psychology; Observation; Psychology—Research; Purposive psychology; Scientific methods; (s): Introspective method; Subjective method.

Introspective method. *See* Introspection.

Introspective psychology.
(The analysis of consciousness into its constituent elements)
See also Consciousness; Introspection.
Refer from Psychology; Purposive psychology; Structural psychology; (s): Psychology, Introspective.

Introversion.
(Substitution for genuine action; include identification)
Refer from Imagination; Instincts.

Intuition.
Refer from Empiricism; Ideas and ideation; Innate ideas; Knowledge; Morality and moral sense; Mysticism; Nativism; Percepts and perception.

Invention. *See* Imagination.

Inventional geometry. *(S)*
Refer from Geometry; (s): Inductive geometry.

Inventories. *(U)*
See also Equipment inventories; Textbook inventories; (s): Perpetual inventories.
—Public schools.
Refer from Business administration—Public schools.

Inventory tests. *See* Batteries of tests; Diagnosis tests.

Investigations in school subjects. *See* Research used as a school-subject subdivision *(S)* e.g. Arithmetic—Research.

Involuntary actions. *See* Automatic movements.

Irritability.
(Physiological connotations)
Refer from Animal psychology; Neurones; Sense organs.

Isolation.
(The opposite of correlation of school subjects)
Refer from Correlation of school subjects; Curricula.

Italian language.
Refer from Modern languages; (s): Romance languages.

Italian teachers. *(G)*
(Teachers of the Italian language)
Refer from Modern language teachers; Teachers.

J

Janitorial service—School buildings.
(Include cleaning of floors and chalk troughs, dusting, disinfecting, etc.)
See also Cleaning systems—School buildings; Disinfection and disinfectants; Sanitation—School buildings.
Refer from Building inspection—Public schools; Business administration—Public schools; Hygiene, School.

Janitors. *(U)*
See also Janitors used as a personnel subdivision *(P)* e.g. Contracts—Janitors.
—Contracts. *See* Contracts—Janitors.
—Public schools.
See also Civil service—Examinations; Custodial service rooms—School buildings; Wages—Janitors—Public schools.
Refer from Administration — Public schools; (s): Custodians, School.
—Training classes—Public schools.
Refer from Janitors' training schools; (s): Training classes for public-school janitors.
—Universities and colleges.

Janitors' training schools.
See also Janitors—Training classes—Public schools.
Refer from Schools.

Jansenists — Educational work. *See* Port Royalists—Educational work.

Jealousy.
Refer from Emotions; Instincts; Social psychology.

Jesuits—Educational work.
Refer from Monasticism and education; Reformation, The, and education.

Jewelry. *(S, U)*
Refer from Arts and crafts.

Jews—Education.
—History.
Refer from Orientals—Education—History.

Job analysis.
(Analyses of occupational activities by observing the job and listing its elements, by individual diaries, etc.)
See also Unit operations.
Refer from Activity analysis; Courses of study—Construction; Education—Aims and objectives—Ascertainment; Occupational analysis; Vocational education; Vocational guidance.

Job cost sheets.
Refer from Industrial education.

Job instruction sheets.
(Include individual instruction sheets, unit instruction sheets, operation sheets, and unit lesson sheets)
Refer from Industrial education.

Journalism. *(S, U)*
See also Journalism, Educational; Newspapers and periodicals; Printing; Publications; Student publications.
Refer from English language—Composition; (s): Amateur journalism.
—Elementary schools.
See also Student publications—Elementary schools.

Journalism—Elementary schools—*(Continued)*
Refer from (s): School journalism.
—High schools.
See also Student publications—High schools.
Refer from (s): School journalism.
—Universities and colleges.
See also Student publications—Universities and colleges.
Refer from (s): College journalism.

Journalism, Educational. *(G)*
See also Periodicals, Educational.
Refer from Associations, Educational; Journalism; (s): Educational publications.

Journey method.
(Imaginary travels to countries which are being studied)
Refer from Geography—Teaching—Methods and technique.

Journeys, School. *See* Excursions—Public schools.

Joy.
Refer from Emotions.

Judgment.
See also Belief; Comparison; Concepts and conception; Delusions; Doubt; Observation.
Refer from Character; Consciousness; Hypothesis; Induction and deduction; Psychology; Reason and reasoning; Thought and thinking; (s): Understanding.

Junior civic organizations. *See* Junior republics; School city, state, etc.

Junior class. *(U)*
See also Juniors.
—High schools.
Refer from High schools.
—Universities and colleges.
Refer from Universities and colleges.

Junior colleges. *(G)*
See also City junior colleges; State junior colleges; *also* Junior colleges used as a unit-of-school-organization subdivision *(U)* e.g. Finance—Junior colleges; *also* names of specific junior colleges. N. B. Names of colleges are not included in this List. Insert when needed.
Refer from High schools; Higher education; Secondary education; Six-four-four plan; Universities and colleges.
— Administration. *See* Administration — Junior colleges.
—Buildings. *See* Buildings — Junior colleges.
—Curricula. *See* Curricula — Junior colleges.
—Entrance requirements. *See* Entrance requirements—Junior colleges.
—Finance. *See* Finance—Junior colleges.
—U. S.
—Universities and colleges.
Refer from Universities and colleges.

Junior colleges, Private.

Junior departments—Sunday schools. *See* Sunday schools—Junior departments.

Junior employment. *See* Child labor.

Junior high-school teachers. *See* Teachers—Junior high schools.

Junior high schools. *(G)*
See also Eighth grades; Ninth grades; Seventh grades; *also* Junior high schools used as a unit-of-school-organization subdivision *(U)* e.g. Entrance

Junior high schools—*(Continued)*
requirements—Junior high schools.
Refer from Elementary schools; High schools; Intermediate education; Junior-senior high schools; Public schools; Schools; Secondary education; (s): Intermediate high schools.
—Administration. *See* Administration—Junior high schools.
—Curricula. *See* Curricula—Junior high schools.

Junior normal schools. *See* Teachers' institutes.

Junior republics.
Refer from Administration—Student participation—Elementary schools; Citizenship education; Civics—Teaching—Aids and devices; Classroom management; School city, state, etc.; Student self-government—Elementary schools; (s): Junior civic organizations; School republics.

Junior-senior high schools.
See also Junior high schools; Senior high schools.
Refer from High schools; Schools; Secondary education; Six-six plan; (s): Six-year high schools.

Juniors. *(U)*
Refer from Junior class.

Juvenile books. *See* Children's literature and reading.

Juvenile courts.
See also Detention schools.
Refer from Compulsory education; Delinquent children; Truants and truancy.

Juvenile delinquency. *(G)*
See also Alcohol and alcoholism; Delinquent children; Lying; Moral insanity; Sex anomalies; Stealing; Truants and truancy.
Refer from Child study; Crime and education; Criminal psychology; Women's clubs—Educational work; (s): Criminality in children; Degeneracy—Students.

Juvenile literature. *See* Children's literature and reading.

Juvenile reading circles. *See* Reading circles—Students.

Juvenile research bureaus.
See also Child-guidance clinics; Psychological clinics.

K

Kinaesthetic sensations. *See* Kinesthetic sensations.

Kindergarten activities.
(May be subdivided by names of months)
Refer from Teaching—Kindergartens.

Kindergarten and first grade.
See also First grades; Kindergartens.
Refer from Kindergarten extension; Primary grades.

Kindergarten associations. *(G)*
Refer from Associations, Educational; Kindergarten education; Teachers' associations; (s): Societies.

Kindergarten bands.
Refer from Bands—Public schools; (s): Bands—Kindergartens.

Kindergarten departments—Sunday schools. *See* Sunday schools—Kindergarten departments.

Kindergarten education. *(G)*
See also Busy work; Cardboard construction; Child-directed education; Child study; Children's stories; Clay-modeling; Excursions—Kindergartens; Free play; Gardens, School; Gifts and occupations; Kindergarten associations; Kindergarten extension; Kindergarten games and songs; Kitchen gardens; Needlework; Number work; Nursery rhymes; Object teaching; Paper work; Play; Self-activity; Story-telling; Symbolism and education.
Refer from Education; Elementary education; Kindergarten-primary education; Preschool education; (s): Children—Education; Education of children; Montessori method.

—Costs.
Refer from Costs and expenditures.

—Teacher training.
See also Kindergarten training schools.
Refer from Teacher training.

Kindergarten extension.
See also Kindergarten and first grade.
Refer from Kindergarten education; Primary education.

Kindergarten games and songs.
Refer from Children's songs and singing; Games; Kindergarten education; Music—Kindergartens; Singing; Songs; (s): Kindergarten music; Kindergarten songs.

Kindergarten methods of instruction. *See* Teaching—Kindergartens.

Kindergarten music. *See* Kindergarten games and songs.

Kindergarten-primary education.
See also Kindergarten education; Primary education.

Kindergarten rooms.
(Include construction and finish, closets, cloakrooms and wardrobes, color schemes, and equipment)
See also Blackboards; Bulletin boards; Decorations, School; Furniture—Kin-

Kindergarten rooms—*(Continued)*
dergartens; Sand tables.
Refer from Architecture, School.
—**Equipment.**

Kindergarten songs. *See* Kindergarten games and songs.

Kindergarten supplies.
Refer from Supplies—Public schools; (s): Supplies—Kindergartens.

Kindergarten training schools. *(G)*
Refer from Kindergarten education—Teacher training; Normal schools and teachers colleges; Schools.

Kindergartens. *(G)*
See also Kindergartens used as a unit-of-school-organization subdivision *(U)* e.g. Teaching—Kindergartens; *also* names of specific kindergartens. N. B. Names of kindergartens are not included in this List. Insert when needed.
Refer from Kindergarten and first grade; Private schools.

Kindergartners. *See* Teachers—Kindergartens.

Kindliness. *See* Sympathy.

Kindness to animals. *See* Humane education.

Kinesthetic sensations.
(Sensations aroused by the movement of muscles, joints, and tendons)
Refer from Muscles; Senses and sensation; (s): Articular sensations; Kinaesthetic sensations; Muscular sense.

Kitchen gardens.
(Method of teaching little children household processes thru songs, games, and special equipment)
Refer from Home-economics education; Kindergarten education.

Kiwanis clubs—Educational work.
Refer from Sociology, Educational.

Knights of Columbus—Educational work.
See also Evening schools; Vocational education.
Refer from Adult education; Sociology, Educational.

Knowledge.
See also Adjustment; Apperception; Comparison; Empiricism; Epistemology; Hypothesis; Ideas and ideation; Induction and deduction; Information; Intellect; Interest; Intuition; Learning.
Refer from Education—Theories and principles; Pragmatism; Rationalism; Sensationalism; Structural psychology.

L

Labor and education.
See also Labor unions—Educational work; Workers' education.
Refer from Sociology, Educational; (s): Education and labor.

Labor colleges. *See* Labor schools and colleges.

Labor education. *See* Workers' education.

Labor permits. *See* Employment certificates.

Labor schools and colleges. *(G)*
Refer from Labor unions—Educational work; Schools; Workers' education; (s): Labor colleges.

Labor unions—Educational work.
See also Industrial education; Labor schools and colleges.
Refer from Child labor; Equalization, Educational; Labor and education; (s): Trade unions—Educational work.

Laboratories. *(U)*
See also Biological laboratories; Botanical laboratories; Chemical laboratories; Commercial laboratories; Dark rooms; Engineering laboratories; Geological laboratories; Home-economics laboratories; Physical laboratories; Physiological laboratories; Psychological laboratories; Scientific methods; Zoological laboratories.

—Equipment and supplies.
See also Equipment and supplies used as a subdivision with names of different kinds of laboratories, e.g. Biological laboratories—Equipment and supplies.
Refer from Apparatus, Scientific; (s): Laboratory supplies.

—Public schools.
Refer from Architecture, School.

Laboratory manuals.
See also Laboratory manuals used as a school-subject subdivision *(S)* e.g. Chemistry—Laboratory manuals.
Refer from Manuals and handbooks.

Laboratory method.
See also Experiments, Teaching by.
Refer from Arithmetic—Teaching—Methods and technique; Astronomy—Teaching—Methods and technique; Botany—Teaching — Methods and technique; Chemistry — Teaching — Methods and technique; Geography — Teaching — Methods and technique; Geology — Teaching — Methods and technique; Home economics—Teaching—Methods and technique; Hygiene—Teaching—Methods and technique; Mathematics—Teaching—Methods and technique; Natural sciences—Teaching—Methods and technique; Object teaching; Physics—Teaching — Methods and technique; Teaching—Methods and technique; Zoology — Teaching — Methods and technique.

Laboratory schools. *(G)*
See also Observation schools; Practice schools; University elementary schools; University high schools.
Refer from Experimental schools; Normal schools and teachers colleges; Schools; Teacher training; (s): Demonstration schools.

Laboratory supplies. *See* Laboratories — Equipment and supplies.

Laboratory work.
(Include experiments)
See also Laboratory work used as a school-subject subdivision *(S)* e.g. Animal husbandry—Laboratory work.

Lacrosse.
Refer from Athletic fields; Athletics.

Laggards. *See* Backward children; Dull children.

Lancastrian system. *See* Monitorial systems; *also* Lancaster, Joseph—Educational theories and methods. N. B. Names of persons are not included in this List. Insert when needed.

Land-grant colleges. *(G)*
See also Experiment stations.
Refer from Agricultural colleges; Agricultural education; Universities and colleges; Universities and colleges—U. S.

Land grants for education. *See* School lands.

Landscape gardening. *(S, U)*
See also Arbor day; Tree planting.
Refer from Art education.

Language, Universal.
See also Languages, Artificial.
Refer from (s): International language.

Language and languages.
(Language and languages in general; include psychology of language)
See also Conversation; Foreign languages; Language teachers; Literature; Moral language; Philology; Phonetics; Reading; Reading — Psychology; Rhetoric; Sign language; Spelling; *also* names of the different languages, e.g. English language.
Refer from Social psychology; Thought and thinking.

Language games.
See also English language—Games; Latin language—Games.

Language teachers. *(G)*
See also English teachers; Greek teachers; Latin teachers; Modern language teachers.
Refer from Language and languages; Teachers.

Languages, Ancient. *See* Ancient languages.

Languages, Artificial.
See also Esperanto.
Refer from Language, Universal.

Languages, Foreign. *See* Foreign languages.

Languages, Modern. *See* Modern languages.

Languages, Oriental. *See* Oriental languages.

Lantern slides.
Refer from Slides; Stereopticons.

Lanterns. *See* Stereopticons.

Lapses.
(Inappropriate responses to a given situation)
See also Abstraction.
Refer from Attention; Forgetting; Memory; Subconscious mind.

Latin clubs. *See* Latin language—Clubs.

Latin games. *See* Latin language—Games.

Latin language. *(S, U)*
See also Transfer of training.
Refer from Ancient languages; Classical languages.

—Clubs.
Refer from Classical clubs; (s): Latin clubs.

—Composition.

—Games.
Refer from Language games; (s): Latin games.

—Periodicals.

—Teaching.

—Aids and devices.
See also Visual aids.

—History.
See also Colloquies.

—Methods and technique.
See also Direct method (foreign languages); Reading method; Reviews; Textbook method; Translation.

Latin language in the schools.
See also Ciceronianism.
Refer from Education—Europe—Medieval period; Vernacular, Teaching in the.

Latin literature. *(S, U)*
Refer from Classical literature.

Latin schools.
Refer from Education—Europe—Medieval period; Grammar schools (English); Schools.

Latin teachers. *(G, U)*
Refer from Language teachers; Teachers.

Latrines. *See* Toilet facilities—School buildings.

Laughter.
Refer from Behavior.

Laundry. *(S, U)*
Refer from Home-economics education.

Laundry service—School buildings.
Refer from Service systems—School buildings.

Lavatories. *See* Washing facilities — School buildings.

Law—Study and teaching. *See* Legal education.

Law, Education for. *See* Legal education.

Law schools and colleges. *(G)*
(Include those maintained by universities)
Refer from Legal education; Schools; Universities—Colleges.

Law teachers. *(G)*
Refer from Teachers.

Lawn tennis. *See* Tennis.

Laws and legislation. *(U)*
See also Building laws and regulations; Financial laws and legislation; Library laws and legislation; *also* Laws and legislation used as a form subdivision *(F)* e.g. Bible reading—Public schools—Laws and legislation.
Refer from (s): Education—Laws and legislation; Educational laws and legislation; Legislation, Educational.

—Public schools.
See also Bonded indebtedness—Public schools; Building laws and regulations—Public schools; Compulsory education; Taxation for education.
Refer from State, The, and education; State administration—Public schools; (s): School laws.

Laws of learning. *See* Learning—Laws.

Leadership training.
See also Executive ability; Social tests; Student self-government.
Refer from Citizenship education; Education; Sociology, Educational.

Learned responses.
Refer from Behaviorism; Habit; Reactions; (s): Responses.

Learned societies.
See also Scientific societies.
Refer from Associations; Sociology, Educational; (s): Academies (learned societies); Societies.

Learning.
See also Ability; Abstract and concrete; Abstraction; Accuracy; Acquired characteristics; Activity; Analogy; Analysis and synthesis; Apperception; Assignments, Lesson; Assimilation; Association; Attention; Attitudes; Capacities; Comparison; Competition; Concepts and conception; Conflict; Contrast; Control; Coordination; Curiosity; Curves of forgetting; Curves of learning; Deduction; Desire; Dialectic; Diffusion; Dissociation; Docility; Drill; Effort; Fatigue, Mental; Feelings; Generalization; Habit; Ideals; Ideas and ideation; Images and imagery; Imagination; Imitation; Improvability; Impulse; Individual differences; Induction; Induction and deduction; Information; Inhibition; Initiative; Instincts; Integration; Interest; Learning and scholarship; Length of practice periods; Manipulation as method; Memorizing; Memory; Mnemonics; Motives; Observation; Original nature; Overlearning; Percepts and perception; Performance; Play; Practice; Puzzles, Psychological; Reason and reasoning; Recitations; Recognition; Recollection; Relearning; Repetition; Retention; Reviews; Satisfiers and annoyers; Self-activity; Self-consciousness; Senses and sensation; Speed; Study; Suggestion; Temperament; Transfer of training; Trial and error method; Verbalism in education.
Refer from Animal psychology; Child psychology; Education—Theories and principles; Experimental psychology; Genetic psychology; Knowledge; Psychology; Psychology, Educational; Teaching—Theories and principles; (s): Habit formation; Modifiability of neurones.

—**Laws.**
(Laws of use and frequency, of disuse and recency, and of effect)
Refer from (s): Laws of learning.

Learning, Rate of. *See* Curves of learning.

Learning and scholarship.
See also Culture and cultural values; Marks—Students.
Refer from Intelligence; Learning; (s): Scholarship.

Learning by heart. *See* Memorizing.

Learning curves. *See* Curves of learning.

Leather work. *(S, U)*
Refer from Arts and crafts.

Leaves of absence. *(P)*

—**Teachers.** *(U)*
See also Sabbatical year—Teachers.
Refer from Absences—Teachers; Health—Teachers; Teacher accounting; Teacher training in service; (s): Sick leaves.

Leaves of absence—Teachers—*(Continued)*
—Universities and colleges.
Refer from Teachers—Universities and colleges.

Leaving certificates. *See* Employment certificates.

Leaving the room. *See* Routine procedures—Classrooms.

Lecture-demonstration method.
See also Demonstration, Method of; Experiments, Teaching by; Lecture method.
Refer from Science—Teaching—Methods and technique; Teaching—Methods and technique.

Lecture method.
See also Information talks; Note taking.
Refer from Didactic method; Economics—Teaching—Methods and technique; Geology—Teaching—Methods and technique; History—Teaching—Methods and technique; Home economics—Teaching—Methods and technique; Lecture-demonstration method; Oral method; Physics—Teaching—Methods and technique; Sociology—Teaching—Methods and technique; Teaching—Methods and technique; Teaching—Universities and colleges; (s): Direct method; Prelection.

Lecture rooms. *(U)*
(Include construction and finish)
—Public schools.
Refer from Architecture, School.

Lectures and lecture courses.
See also Chalk-talks.
Refer from Adult education; Agricultural extension; Chautauquas; Community-center activities; Extension education; Home-economics extension; Libraries; Lyceums; People's institutes; Platform, The, and education; Self-education; Teacher training in service; Teachers' institutes; University extension; Young men's Christian associations—Educational work; (s): Speaking.

Left- and right-handedness.
See also Mirror writing.
Refer from Ambidexterity; Physiological psychology; Vasomotor processes; (s): Dextrality; Handedness; Left-handedness; Right-handedness.

Left-handedness. *See* Left- and right-handedness.

Legal education. *(G)*
See also Bar examinations; Case method; Law schools and colleges.
Refer from Education; Professional education; (s): Law—Study and teaching; Law, Education for.

Legal status. *(P)*
—Teachers. *(G, U)*
Refer from (s): Teachers—Legal status.

Legislation, Educational. *See* Laws and legislation.

Leisure.
See also Avocational education; Books and reading; Motion pictures; Opera, The, and education; Radio broadcasting; Recreation; Theater, The, and education.
Refer from Character education; Education—Aims and objectives; Liberal education; Sociology, Educational.

Length of class periods. *(U)*
See also Time allotments.

Length of class periods—*(Continued)*
Refer from Daily programs and time schedules; Health—Teachers; Supervised study; (s): Class periods, Length of; Length of recitations; Recitations, Length of.
—Public schools.
Refer from Administration — Public schools.

Length of course. *(U)*
See also Eight-four plan; Seven-four plan; six-six plan; Six-three-three plan.
Refer from Economy of time; (s): Course, Length of; Shortening courses.
—Elementary schools.
—Public schools.
Refer from Administration — Public schools.
—Universities and colleges.
Refer from Curricula—Universities and colleges; Graduation requirements—Universities and colleges; (s): College course, Length of; Universities and colleges—Length of course.

Length of practice periods.
(Include distribution of practice)
Refer from Improvability; Learning; Practice; (s): Periods of practice, Length of; Practice periods, Length of.

Length of recitations. *See* Length of class periods.

Length of school day. *See* Length of session.

Length of service. *(P)*
—Teachers. *(U)*
See also Health—Teachers; Teacher turnover; Tenure—Teachers.
Refer from Salaries—Teachers; Salary schedules; (s): Teachers—Length of service.

Length of session. *(U)*
See also Half-day sessions.
Refer from Economy of time; Efficiency; Health—Students; Health—Teachers; Hygiene of instruction; (s): Day, Length of school; Hours, School; Length of school day; Session, Length of.
—Public schools.
Refer from Administration — Public schools.

Length of term. *See* Length of year.

Length of week. *(U)*
(Number of periods per week)
Refer from (s): Periods per week.
—Public schools.
Refer from Administration — Public schools.

Length of year. *(U)*
Refer from Economy of time; (s): Length of term; Term, Length of; Year, Length of.
—Public schools.
See also All-year schools.
Refer from Administration — Public schools; Finance—City schools; Finance—Rural schools; (s): School year, Length of.
—Universities and colleges.
See also Four-quarter plan; Summer schools.
Refer from Administration—Universities and colleges; (s): College year, Length of.

Lesson assignments. *See* Assignments, Lesson.

Lesson plans. *(U)*
(Include the planning of the lesson, its aims, subject-matter, teaching procedure, motivation, etc.)
See also Assignments, Lesson; *also* Lesson plans used as a school-subject subdivision *(S)* e.g. Arithmetic—Lesson plans.
Refer from Practice teaching; Supervision of teaching—Public schools; Teacher training.

Lesson types. *See* Teaching—Types.

Letter method. *See* Alphabetic method; Diacritical method; Phonetic method.

Letter writing.
See also Commercial correspondence.
Refer from English language—Composition—Teaching—Aids and devices.

Lettering. *(S, U)*
Refer from Art education; Commercial art; Drafting; Drawing; Mechanical drawing.

Letters and arms.
Refer from Chivalric education; Gentry and nobles—Education.

Levels of development. *See* Adolescence; Curves of learning; Genetic psychology; Growth, Physical.

Liabilities. *(U)*
(Liquidated and incurred)
See also Costs and expenditures; Debts; Depreciation—Plants; Interest (indebtedness); Sinking fund.
Refer from Finance; Financial accounting; (s): Disbursements.

Liberal and vocational educations.
(Include controversial literature)
See also Liberal education; Vocational education.
Refer from (s): Culture and utility; Practical and cultural educations; Vocational and liberal educations.

Liberal arts.
(Used in contradistinction to the fine arts and to the technical and practical arts)
See also Quadrivium; Trivium.
Refer from Liberal education.

Liberal education.
(Cultural and social education)
See also Classical languages; Culture and cultural values; Humanism; Leisure; Liberal arts.
Refer from Education; Liberal and vocational educations; Sociology, Educational; (s): Cultural education; Humanistic education.

Librarians. *(G, U)*
—Public schools.
See also Teacher-librarians.
Refer from Libraries—Public schools.

Libraries. *(G, U)*
See also Agricultural libraries; Blind—Libraries and books; Book clubs; Book lists; Books and reading; Botanical libraries; Branch libraries; Children's libraries; Classroom libraries; County libraries; Debates and debating; Home libraries; Lectures and lecture courses; Libraries, Educational; Libraries, Teaching use of; Library administration; Public libraries and schools; State libraries; Taxation for libraries; Traveling libraries.
Refer from Adult education; Extra-curricular activities; Library method; Lyceums; Reading; Self-education; Sociology, Educational.
—Elementary schools.

Libraries—*(Continued)*
—High schools.
Refer from (s): High-school libraries.
—Junior high schools.
—Normal schools and teachers colleges.
Refer from (s): Normal-school libraries.
—Public schools.
See also Branch libraries—Public schools; Bulletin boards; Children's book week; Children's libraries; Children's literature and reading; Classroom libraries; Librarians—Public schools; Picture collections; Public libraries and schools; State appropriations for education; Teacher-librarians.
Refer from Architecture, School.
—Rural schools.
Refer from (s): Rural-school libraries.
—Sunday schools.
Refer from (s): Sunday-school libraries.
—Universities and colleges.
Refer from Universities and colleges; (s): College libraries.

Libraries, Children's. *See* Children's libraries.

Libraries, Educational. *(G)*
(Refers to libraries devoted to the interests of teachers, school men, and students of education)
See also Professional books and reading (education)
Refer from Libraries; Teaching; (s): Educational libraries; Pedagogical libraries; Professional libraries (education)

Libraries, Teaching use of. *(U)*
See also Reference books, Teaching use of.
Refer from Libraries.

Library administration. *(S, U)*
See also Library record systems.
Refer from Libraries; Library training.
—Public schools.
Refer from Administration — Public schools.

Library apprentice classes. *See* Library training classes.

Library buildings. *(U)*
(Include designs and plans)
—Universities and colleges. *(G)*
Refer from Buildings—Universities and colleges.

Library equipment. *(U)*
Refer from Equipment.

Library laws and legislation. *(G)*
Refer from Laws and legislation.

Library method.
See also Libraries; Supplementary reading.
Refer from Civics — Teaching — Methods and technique; History — Teaching — Methods and technique; Home economics —Teaching—Methods and technique; Sociology — Teaching — Methods and technique; Study; Teaching—Methods and technique.

Library record systems. *(U)*
(Include forms used)
Refer from Library administration; Record systems.
—High schools.

Library reports. *(U)*
Refer from Reports.

Library schools. *(G)*
See also names of specific library schools.
N. B. Names of schools are not included in this List. Insert when needed.
Refer from Library training.

Library standards. *(U)*
Refer from Standards.

Library supplies.
Refer from Supplies.

Library training. *(G)*
See also Alphabetizing; Apprentices—Education; Bibliography; Book selection; Cataloging; Classification of books; Files and filing; Library administration; Library schools; Library training classes.
Refer from Education; Professional education.

Library training classes.
(In libraries, teachers colleges, normal schools, etc.)
Refer from Library training; Library training for teachers; Teachers' institutes; (s): Library apprentice classes.

Library training for teachers.
See also Library training classes; Teachers' institutes.

Life age. *See* Age.

Life-career classes. *See* Occupational instruction.

Lighting—School buildings.
See also Lighting, Artificial—School buildings; Lighting, Natural—School buildings.
Refer from Architecture, School; Drawing—Hygiene; Efficiency; Eye—Care and hygiene; Handwriting—Hygiene; Hygiene of instruction; Reading—Hygiene; Study halls—Public schools; (s): Illumination—School buildings.

Lighting, Artificial—School buildings.
(Include gas, electricity, etc.; also outlets, fixtures, adjustments, and illumination)
Refer from Electric service systems—School buildings; Lighting—School buildings; Service systems—School buildings; (s): Artificial lighting systems—School buildings.

Lighting, Natural—School buildings.
See also Orientation—Buildings—Public schools; Windows and shades—School buildings.
Refer from Lighting—School buildings.

Lighting standards. *(U)*
Refer from Building standards; Standards.

—Public schools.

Limen.
(That degree of sensation which is just perceptible)
See also Intensity.
Refer from Experimental psychology; Psychophysics; Senses and sensation.

Lincoln's birthday.
(Include exercises and celebrations)
Refer from Special days.

Linoleum block. *(S)*
Refer from Art education.

Lip reading.
Refer from Deaf—Methods of instruction; (s): Speech reading.

Liquidation, Plans for. *See* Bonded indebtedness.

Lisping.
(Defect of enunciation due to faulty positions of organs of articulation)
Refer from Speech defects.

List spelling. *See* Columnal spelling.

Literary appreciation. *See* Literature—Appreciation and interpretation.

Literary censorship. *See* Freedom of press.

Literary contests. *See* Essay contests.

Literary societies. *(U)*
Refer from Student life; Student organizations and societies.

Literature.
See also Adolescence in literature; Poetry; Stories; Student drama; Student verse; Vacation colonies; *also* names of specific literatures, e.g. English literature.
Refer from Anthropology—Correlation with other subjects; Language and languages; Philology.

—Appreciation and interpretation.
See also Poetry—Appreciation and interpretation; Story-telling.
Refer from Appreciation; (s): Literary appreciation; Reading—Appreciation.

Literature, Educational. *See* Education — Bibliography; Periodicals, Educational.

Live-stock production. *See* Animal husbandry.

Loads, Student. *See* Student loads.

Loads, Teaching. *See* Teaching loads.

Loan funds. *See* Student loans and loan funds.

Loans (short-term) *(U)*
See also Interest (income); Interest (indebtedness)
Refer from Debts.

—Public schools.
See also Interest (income) — Public schools; Interest (indebtedness)—Public schools.
Refer from Income and receipts—Public schools.

Local school administration. *See* Administration—City schools; District administration—Public schools.

Local signs.
Refer from Senses and sensation; Space perception.

Localization of functions.
Refer from Brain; Phrenology; Spinal cord.

Location—Buildings. *See* Building sites.

Location, Sense of.
Refer from Blind; Space perception.

Location, Training in.
Refer from Geography—Teaching—Methods and technique; (s): Training in location.

Location of universities and colleges. *See* Universities and colleges—Location.

Lockers. *(U)*
(Include home and gymnasium lockers)
Refer from Furniture; Gymnasiums — Equipment.

—Primary grades.

—Public schools.
Refer from Architecture, School; Cloakrooms—School buildings; Equipment—Public schools.

Lodgings. *See* Board and lodging.

Logic.
See also Abstract and concrete; Analogy; Analysis and synthesis; Concepts and conception; Deduction; Dialectic; Hypothesis; Induction; Reason and reasoning.
Refer from Dualism; Empiricism; Philosophy; Psychology; Thought and thinking; Trivium.

Logical method.
(Follows sequence characteristic of mature thinking)
Refer from Mathematics — Teaching — Methods and technique; Teaching — Methods and technique.

Losses — Students. *See* Elimination — Students.

Loyalty. *(P)*

—Students. *(U)*

See also Alumni; Student cooperation and service.

Refer from Student life.

—Teachers. *(U)*

Refer from (s): Teachers—Loyalty.

Lunch rooms. *(U)*

—Public schools.

Refer from Architecture, School; Cafeterias—Public schools.

Lunches, School.

(Include costs)

See also Milk service—Public schools.

Refer from Anemic children; Cafeterias—Public schools; Costs and expenditures—Public schools; Health — Students — Public schools; Home-economics education—Public schools; Nutrition—Students — Elementary schools; Parent-teacher associations; Women's clubs—Educational work; (s): Feeding, School; Meals, School; Penny lunches.

Lung tests.

Refer from Physical tests.

Lutheran church—Educational work.

See also Parochial schools; Schools of religion, University; Theological seminaries and schools; Universities and colleges, Denominational.

Refer from Church education.

Lyceums.

(Include lyceum movement)

See also Lectures and lecture courses; Libraries.

Refer from Adult education; Chautauquas; Extension education.

Lying.

Refer from Classroom management; Juvenile delinquency; (s): Dishonesty.

M

Machine-shop. *(S, U)*
Refer from Industrial education.

Machine tabulation. *See* Tabulation, Machine.

Magazines. *See* Newspapers and periodicals.

Magazines, Educational. *See* Periodicals, Educational.

Magic.
Refer from Primitive peoples—Education; Psychical research; Psychology—History; Science—History; Social psychology.

Magic lanterns. *See* Stereopticons.

Magnetism, Animal. *See* Mesmerism.

Maintenance—Plants. *(U)*
(Include the costs)
See also Repairs and replacements—Buildings; Repairs and replacements—Equipment.
Refer from Costs and expenditures; Plants.

Majors and minors.
Refer from Curricula—Universities and colleges.

Malnutrition—Students. *See* Nutrition—Students.

Management, School. *See* Classroom management; Discipline, School.

Mandatory school subjects. *See* Curricula—Constants.

Mania and manias.
See also Attention; Megalomania; Obsessions; Stupor.
Refer from Dementia precox; Epilepsy; Hysteria; Insanity and insanities; Manic-depressive insanity; Paresis; Psychasthenia; Psychiatry; Psychoses; Senile insanity.

Manic-depressive insanity.
See also Fixed ideas; Mania and manias; Melancholia; Obsessions; Paranoia.
Refer from Insanity and insanities; Psychiatry; Psychoses; Will—Diseases; (s): Circular insanity.

Manipulation as method.
Refer from Learning; Self-activity; Teaching—Methods and technique.

Manners. *See* Courtesy and etiquette.

Mannheim plan.
Refer from Promotions—Students—Elementary schools.

Manual alphabets. *See* Sign language.

Manual arts. *(S)*
(Non-vocational elementary school subject; practical information and experience in the manual industries: consult Arts and crafts for school-subject cross-references)
Refer from Art education; Expressive subjects; Industrial arts; Practical-arts education; (s): Applied art; Art, Applied.

—Teaching—Methods and technique.
See also Object teaching.

Manual communication. *See* Sign language.

Manual training. *(S, U)*
(A liberal-arts study whose aim is general education; limited to drawing and tool-work)
See also Cabinet-making; Drawing; Manual-training high schools; Sloyd; Wood-working.
Refer from Industrial arts; Practical-arts education; (s): Fellenberg system; Training, Manual.

—Shopwork.

Manual-training high schools. *(G)*
See also names of special schools. N. B. Names of schools are not included in this List. Insert when needed.
Refer from High schools; Manual training.

Manual-training rooms. *See* Wood-working shops.

Manual-training teachers. *See* Industrial teachers.

Manuals and handbooks. *(U)*
(Published by school authorities to give information to teachers and students concerning matters of administration, instruction, and extra-curricular activities)
See also Laboratory manuals; Student handbooks; Teachers' manuals; *also* Manuals and handbooks used as a form subdivision *(F)* e.g. Mental tests—Manuals and handbooks.
Refer from Publications; (s): Handbooks.

—Public schools.
Refer from Publications—Public schools.

Manuscript writing. *(S, U)*
(A non-cursive method of writing; a type of hand printing)
Refer from Handwriting; Writing; (s): Print-script; Print-writing.

Many-sided interest.
Refer from Education—Aims and objectives; Interest; Mental development.

Map drawing.
Refer from Drawing; Geography—Teaching—Aids and devices; History—Teaching—Aids and devices.

Maps and atlases.
Refer from Apparatus—Public schools; Geography — Teaching — Aids and devices; Geology—Teaching—Aids and devices; History—Teaching—Aids and devices; Teaching—Aids and devices; Visual aids; (s): Atlases; Geographical atlases; Historical atlases; Outline maps.

Marketing. *(S, U)*
Refer from Home-economics education.

Marking of papers. *See* Correction of exercises.

Marking systems. *(U)*
(Include numerals, words, and letters)
See also Marks—Students; Point systems; Report cards.
Refer from Credits and credit systems; Record systems; Rules and regulations; Student accounting; Supervision of teaching; Surveys; (s): Rating.

—Universities and colleges.
Refer from Rules and regulations—Universities and colleges.

Marks—Students. *(U)*
See also Credit for effort; Credit for quality; Credit for quantity; Examinations; Statistical methods; Test scores and students' marks.
Refer from Achievements — Students; Learning and scholarship; Marking sys-

Marks—Students—*(Continued)*
tems; (s): Grades, Scholarship; Scholarship marks; Students' marks.
—Correlation.
(Correlation between marks of different teachers, in different subjects, and in different schools)
Refer from Correlation of abilities.
—Distribution.
Refer from (s): Distribution of students' marks.
—Reliability.
Refer from (s): Reliability of students' marks.
—Uses.
Refer from Classification — Students; Educational guidance; Entrance requirements; Incentives; Personnel service; Promotions — Students; Scholarships and fellowships; Vocational guidance; (s): Uses of students' marks.

Marks and test scores. *See* Test scores and students' marks.

Married women as teachers.
Refer from Women as teachers.

Masters' degrees.
Refer from Degrees, Academic.

Mastery impulse. *See* Self-assertion.

Masturbation.
Refer from Retardation, Mental; Sex anomalies.

Matching tests.
(Type of test or examination)
Refer from Recognition tests; Tests—Types.

Materialism.
See also Idealism; Monism; Pluralism.
Refer from Education—Theories and principles; Mind and body; Philosophy; Positivism; (s): Atomism.

Materials of instruction. *See* Instructional materials.

Materials of writing. *See* Writing—Materials and instruments.

Mathematics. *(S, U)*
See also Accuracy; Addition; Algebra; Analytic geometry; Arithmetic; Calculus; Checks on computations; Deduction; Division; Fractions; Geometry; Multiplication; Number, Psychology of; Plane geometry; Problem solving (mathematics); Shop mathematics; Solid geometry; Speed; Subtraction; Surveying; Trigonometry.
Refer from Astronomy; Formal subjects; Physics.
—History.
See also Notation.
—Ninth grades.
—Problems, exercises, etc.
See also Problems, exercises, etc. used as a school-subject subdivision *(S)* with mathematical school subjects, e.g. Arithmetic—Problems, exercises, etc.
—Teaching.
—Methods and technique.
See also Eclectic method; Heuristic method; Laboratory method; Logical method; Object teaching; Spiral method; Topical method.

Mathematics teachers. *(G, U)*
Refer from Teachers.

Mating instinct.
Refer from Instincts.

Matriculation. *See* Registration—Students.

Maturity tests. *See* Intelligence tests.

May day.
(Include exercises and celebrations)
Refer from Special days.

Maze tests. *(T)*
Refer from Performance tests; Puzzles, Psychological; Tests and scales.

Meals, School. *See* Cafeterias — Public schools; Lunches, School.

Mean.
(Meaning the arithmetic mean, M; include computation and uses)
See also Mean deviation; Median deviation; Standard deviation.
Refer from Central tendency, Measures of; Statistical methods; (s): Arithmetic mean; Average.

Mean deviation.
(Include computation and uses)
See also Probable error.
Refer from Mean; Variability and dispersion, Measures of; (s): Average deviation.

Meaning.
(Nature and function)
See also Imageless thought.
Refer from Concepts and conception; Defining, Method of; Experience; Genetic psychology; Gestalt psychology; Induction and deduction; Thought and thinking.

Measles.
Refer from Communicable diseases; (s): German measles.

Measurements, Educational. *See* Educational measurements.

Measuring results in education.
See also Achievement tests; Examinations; Objective examinations; Testing programs; *also* Measuring results used as a school-subject subdivision *(S)* e.g. English language—Grammar—Measuring results.
Refer from Achievements—Students; Educational measurements; Supervision of teaching; (s): Testing results in education.

Mechanic arts. *(S, U)*
(A cultural subject; teaches the manipulation of machine tools)
See also Technical schools.
Refer from Practical-arts education; Technical education; (s): Technical arts.

Mechanical ability.
Refer from Ability.

Mechanical aptitude tests. *(T)*
Refer from Aptitude tests.

Mechanical calculation.
(Adding machines, comptometers, slide rules, etc.)
See also Abacus; Speed; Tabulation, Machine.
Refer from Business administration—Public schools; Statistical methods; (s): Arithmetic, Mechanical; Calculating machines; Slide rules.

Mechanical drawing. *(S, U)*
See also Lettering.
Refer from Drafting; Drawing; Graphic methods; Industrial education; (s): Instrumental drawing.

Mechanical drawing rooms. *See* Drawing rooms.

Mechanical education. *See* Industrial education.

Mechanical engineering. *(S)*
Refer from Engineering education.

Mechanical service systems—School buildings.
See also Toilet facilities—School buildings.
Refer from Service systems—School buildings; (s): Booklifts; Elevators; Wastechutes.

Mechanical tests. *(T)*
Refer from Tests and scales.

Mechanics' institutes. *See* Industrial-arts schools.

Median.
(Include computation and uses)
See also Median deviation; Semi-interquartile range.
Refer from Central tendency, Measures of; Statistical methods; (s): Midscore.

Median deviation.
(Med. Dev.)
Refer from Errors of measurement; Mean; Probable error; Tests and scales —Reliability; Variability and dispersion, Measures of.

Medical education. *(G)*
See also Chemistry; Clinical method; Demonstration, Method of; Nursing education; State medical examinations; Veterinary education.
Refer from Education; Gilds, Medieval—Educational work; Professional education.

—Teaching—Methods and technique.
See also Demonstration, Method of.

Medical examinations. *(U)*
(To test organic conditions)
See also Ear—Examinations; Eye—Examinations; Medical inspection; Nose—Examinations; Teeth — Examinations; Throat—Examinations.
Refer from Health—Students; Physical education.

—Universities and colleges.
Refer from Entrance requirements—Universities and colleges.

Medical examinations for teachers. *(U)*
Refer from Health—Teachers.

Medical gymnastics. *See* Corrective gymnastics.

Medical inspection. *(U)*
See also Adenoids; Building inspection; Chorea; Communicable diseases; Daily inspection; Exclusion from school; Headache; Health—Students; Health—Teachers; Meningitis; Pediculosis; Rickets; Spinal curvature; Tonsils—Diseases and defects; Vertigo.
Refer from Child hygiene; Health supervision; Medical examinations; Physical examinations; Student accounting; (s): Health examinations; Health inspection; Inspection, Medical.

—Costs. *(U)*
Refer from Costs and expenditures.

—Laws and legislation.

—Public schools.
See also Building inspection—Public schools; Nurses—Public schools; Physicians—Public schools.
Refer from Administration — Public schools; Health departments — Public schools; Hygiene, School; (s): Medical service—Public schools.

—Record systems. *(G, U)*
Refer from Health record systems; Record systems.

Medical inspection—*(Continued)*
—Reporting systems. *(G, U)*
Refer from Health reporting systems; Reporting systems.
—Rural schools.

Medical inspectors.
See also Nurses; Physicians.

Medical research.
Refer from Scientific research.

Medical schools and colleges. *(G)*
(Include those maintained by universities)
Refer from Universities—Colleges.

Medical service—Public schools. *See* Medical inspection—Public schools.

Medieval education. *See* Education—Europe—Medieval period.

Medieval history. *(S, U)*
Refer from History.

Medulla oblongata. *See* Brain.

Meetings, Educational. *See* Conferences and conventions, Educational.

Megalomania.
Refer from Mania and manias; Paranoia; Paresis; Psychoses.

Melancholia.
See also Mutism; Obsessions; Stupor.
Refer from Manic-depressive insanity; Psychiatry; Psychoses; (s): Depression, Mental.

Membership, School. *See* Enrollment — Students.

Memorial day.
(Include exercises and programs)
Refer from Special days; (s): Decoration day.

Memorizing.
See also Concert recitation; Copying; Drill; Mnemonics; Practice; Whole and part learning.
Refer from Learning; Memory; Study; (s): Learning by heart.

Memory.
See also Amnesia; Aphasia and aphasias; Assimilation; Association; Attention; Comparison; Complication; Cramming; Cross education; Curves of forgetting; Curves of learning; Forgetting; Generalization; Generic image; Images and imagery; Imagination; Lapses; Memorizing; Memory helps; Memory training; Mnemonics; Recognition; Recollection; Retention.
Refer from Child psychology; Consciousness; Experimental psychology; Gestalt psychology; Learning; Mental discipline; Percepts and perception; Psychology; Psychology, Educational; Self; Structural psychology; Teaching — Theories and principles; Thought and thinking.

Memory gems.
Refer from Memory work.

Memory helps.
Refer from Memory; Memory training.

Memory systems. *See* Mnemonics.

Memory training.
See also Memory helps; Memory work.
Refer from Memory; (s): Training of the memory.

Memory work.
See also Memory gems; Poems for memorization.
Refer from Memory training; Oral composition; Reading—Teaching.

Men as teachers.
Refer from Teachers; Teachers (men)

Meningitis.
Refer from Medical inspection; Nervous system—Diseases.

Menstruation.
Refer from Hygiene, Personal; Sex education.

Mensuration. *See* Arithmetic.

Mental ability. *See* Intelligence.

Mental adaptation. *See* Adaptation.

Mental age.
(Include computation and uses)
See also Accomplishment ratio; Adult mental age; Intelligence quotient; Subject age, quotient, and ratio.
Refer from Acceleration—Students; Age; Classification—Students; Corporal punishment; Individual differences; Intelligence; Intelligence tests; Promotions—Students; Retardation—Students; (s): Psychological age.

Mental arithmetic.
Refer from Arithmetic; (s): Arithmetic, Mental; Arithmetic, Oral; Oral arithmetic.

Mental culture. *See* Mental discipline.

Mental defectives. *See* Mentally deficient.

Mental defects. *See* Psychoses.

Mental derangement. *See* Psychoses.

Mental development.
See also Activity; Adolescence; Child psychology; Fusion; Habit; Infancy; Instincts; Intelligence quotient; Many-sided interest; Motor processes; Nascent periods; Percepts and perception; Predisposition; Senses and sensation.
Refer from Development; Environment; Genetic psychology; Gestalt psychology; Heredity; Intelligence; Nature and nurture; Psychology, Educational; Teaching—Theories and principles; (s): Growth, Mental; Mental growth.

Mental differences. *See* Individual differences.

Mental discipline.
See also Attention; Effort; Memory; Transfer of training.
Refer from Discipline; Hedonism; Psychology, Educational; Self-education; Teaching—Types; (s): Discipline, Mental; Mental culture; Mental training; Mind training.

Mental diseases. *See* Psychoses.

Mental fatigue. *See* Fatigue, Mental.

Mental functioning, Types of.
See also Ideational types.
Refer from Experimental psychology; Individual differences; (s): Types of mental functioning.

Mental growth. *See* Mental development.

Mental healing. *See* Psychotherapy.

Mental health. *See* Mental hygiene.

Mental hygiene.
(Place here material of less scientific character than in psychotherapy; also preventative agencies)
See also Music—Psychological effects.
Refer from Health—Students; Health supervision; Hygiene, Personal; Psychopathology; Psychotherapy; (s): Cerebral hygiene; Hygiene, Mental; Mental health; Mental physiology.

Mental imagery. *See* Ideational types; Images and imagery.

Mental maturity age. *See* Adult mental age.

Mental measurements. *See* Mental tests.

Mental overwork. *See* Fatigue, Mental; Overpressure (education)

Mental pathology. *See* Psychopathology.

Mental philosophy. *See* Psychology.

Mental physiology. *See* Mental hygiene.

Mental retardation. *See* Retardation, Mental.

Mental states, Doctrine of.
Refer from Education—Theories and principles; Thought and thinking; (s): Doctrine of mental states.

Mental tests.
(Tests for measuring mental functions)
See also Achievement tests; Aptitude tests; Character-trait tests; Emotional tests; Intelligence tests; Personality tests; Social tests; Temperament tests; Volitional tests.
Refer from Child study; Differential psychology; Tests and scales; (s): Ability tests; Mental measurements.
—Manuals and handbooks.

Mental training. *See* Mental discipline.

Mental types. *See* Ideational types.

Mentally deficient.
(Congenital amentia and arrested mental development)
See also Borderline intelligence; Cretinism; Delinquent children; Echolalia; Epilepsy; Hydrocephalous; Idiots and idiocy; Imbeciles and imbecility; Microcephalous; Mongolism; Moral insanity; Morons; Nomadism; Sex anomalies; Speech defects; Syphilis.
Refer from Abnormal psychology; Atypical children; Census, School; Children; Differential psychology; Heredity; Individual differences; Intelligence; Retardation—Students; (s): Afflicted children; Amentia; Arrested development; Defectives; Feeble-minded; Mental defectives; Subnormal children.
—Education. *(G)*
See also Individual instruction; Mentally deficient—Industrial training; Ungraded rooms.
Refer from Compulsory education; Curricula—Differentiation; Special education.
—Industrial training.
Refer from Industrial education; Mentally deficient—Education.
—Schools and institutions. *(G)*
Refer from Institutional schools; Private schools; (s): Asylums for the mentally deficient.

Mentally superior. *(U)*
See also Genius; Special abilities.
Refer from Abnormal psychology; Acceleration—Students; Atypical children; Children; Differential psychology; Individual differences; Intelligence; Precocity; Retardation—Students; (s): Accelerated children; Bright children; Gifted children; Precocious children; Superior children; Supernormal children; Under-age children.
—Education.
See also Courses of study—Enrichment; Curricula — Enrichment; Extra-work plan; Individual instruction; Promotions by subject.
Refer from Curricula—Differentiation; Special education.

Mentally superior—*(Continued)*
—Elementary schools.
Refer from Students—Elementary schools.
—High schools.
Refer from Students—High schools.
—Universities and colleges.
See also Honors courses.
Refer from Research—Universities and colleges; Students — Universities and colleges.

Merit systems. *(P)*
—Students. *(U)*
See also Student self-government.
—Teachers. *(U)*
See also Promotions—Teachers.

Mesmerism.
See also Anesthesia and anesthesias; Hypnosis.
Refer from (s): Magnetism, Animal.

Metal work. *(S, U)*
Refer from Arts and crafts; (s): Art metal work.

Metaphysics.
See also Epistemology; Ontology; Philosophy; Psychology; Theology.

Method readers. *See* Readers.

Methodist Episcopal church—Educational work.
(If preferred, the various branches of this denomination may receive separate treatment)
See also Schools of religion, University; Theological seminaries and schools; Universities and colleges, Denominational.
Refer from Church education.

Methods and technique. *See* Surveys—Methods and technique; Teaching—Methods and technique.

Methods of correcting errors. *See* Errors—Methods of correction.

Methods of teaching. *See* Teaching—Methods and technique; *also* Teaching—Methods and technique used as a school-subject subdivision *(S)* e.g. Arithmetic—Teaching—Methods and technique.

Microcephalous.
Refer from Mentally deficient; Nervous system—Diseases.

Microscopes.
See also Slides.
Refer from Biological laboratories — Equipment and supplies; Visual aids.

Mid-brain. *See* Brain.

Mid-morning lunch. *See* Milk service—Public schools.

Midscore. *See* Median.

Migrations. *(P)*
See also Interchange.
—Students. *(U)*
—Teachers. *(U)*

Migratory instinct.
Refer from Instincts; Truants and truancy.

Military drill. *(S, U)*
Refer from Military education; (s): Drill, Military.

Military education. *(G, U)*
See also Military drill; Military schools and academies; Military training camps.
Refer from Education; Soldiers—Education; (s): Army training; Military training.
—Theories and principles.
—Universities and colleges.
See also Reserve-officers training corps.

Military rehabilitation. *See* Rehabilitation, Military.

Military schools and academies. *(G)*
See also names of special schools. N. B. Names of schools are not included in this List. Insert when needed.
Refer from Military education; Private schools; Schools.

Military training. *See* Military education.

Military training camps.
Refer from Military education; (s): Camps, Military training; Training camps, Military.

—Students.
Refer from (s): Student military training camps.

Milk service—Public schools.
(Include value of milk drinking, also costs)
Refer from Anemic children; Costs and expenditures—Public schools; Hygiene, School; Lunches, School; Nutrition—Students—Elementary schools; Nutrition classes; Open-air schools; (s): Feeding, School; Mid-morning lunch.

Millinery. *(S, U)*
Refer from Home-economics education.

Mind.
(Nature and function)
See also Concepts and conception; Emotions; Feelings; Intellect; Thought and thinking; Will.
Refer from Education—Theories and principles; Mind and body; Psychology; Self.

—Diseases. *See* Psychoses.

Mind and body.
See also Automaton theory; Consciousness; Epiphenomenon; Hypnosis; Interactionism; Materialism; Mind; Nervous system; Parallelism, Psychophysical; Physiological psychology.
Refer from Dualism; Education—Theories and principles; Psychology; Psychology, Educational; Psychotherapy; Purposive psychology; (s): Body and mind.

Mind reading.
See also Emotional expression; Motor processes.
Refer from Psychical research; Telepathy; Will; (s): Muscle reading.

Mind training. *See* Mental discipline.

Mineralogy. *(S, U)*
Refer from Geology; Natural sciences.

Minimum essentials.
See also Minimum essentials used as a school-subject subdivision *(S)* e.g. Geography—Minimum essentials.
Refer from Courses of study—Construction; Individual differences—Adjustments—Public schools; Instructional materials.

Mining engineering.
See also Mining schools.
Refer from Engineering education; Industrial education.

Mining schools.
Refer from Mining engineering.

Ministerial education. *See* Theological education.

Mirror writing.
Refer from Handwriting; Left- and right-handedness; Unstable children.

Mission schools. *(G)*
Refer from Missions—Educational work.

Mission schools, Foreign.

Mission schools, Home.

Missionary education.
See also Missionary training schools.

Missionary training schools. *(G)*
Refer from Missionary education; Missions—Educational work; (s): Bible schools.

Missions—Educational work. *(G)*
See also Mission schools; Missionary training schools; Theological seminaries and schools.
Refer from Church, The, and education; Religious education.

Mnemonics.
Refer from Learning; Memorizing; Memory; Teaching—Aids and devices; (s): Memory systems.

Mob psychology.
See also Imitation.
Refer from Social psychology.

Mode.
(Include computation and uses)
Refer from Central tendency, Measures of; Statistical methods.

Model flats. *See* Home-economics cottages.

Model lessons. *See* Demonstration lessons.

Model schools. *See* Observation schools.

Modeling. *See* Clay-modeling.

Modern history. *(S, U)*
Refer from History.

Modern language teachers.
See also French teachers; German teachers; Italian teachers; Spanish teachers.
Refer from Language teachers; Teachers.

Modern languages. *(U)*
See also Danish language; English language; French language; German language; Italian language; Norwegian language; Spanish language; Swedish language; *also* names of other languages. N. B. These are to be inserted when needed.
Refer from Foreign languages; (s): Languages, Modern.

—Composition.

—Grammar.

—Pronunciation.
See also Imitation; Phonetic method.

—Teaching.

—Aids and devices.
See also Aural aids; Charts; Phonographs and victrolas; Visual aids.

—Methods and technique.
See also Analytic method; Conversational method; Direct method (foreign languages); Reading method; Synthetic method; Translation.

Modesty.
Refer from Adolescence; Emotions; Instincts.

Modifiability of neurones. *See* Learning.

Mohammedans—Educational work.
Refer from Education—Arabia; Education—Egypt; Education—India; Education—Persia; Education—Turkey; (s): Non-Christian religions and education.

Monastic schools. *See* Abbey schools.

Monasticism and education.
See also Abbey schools; Benedictines—Educational work; Cistercians—Educational work; Cloister schools; Convent education; Dominicans—Educational work; Franciscans—Educational work; Jesuits—Educational work; Mysticism; Neoplatonism; Oratorians—Educational work; Port Royalists—Educational

Monasticism and education—*(Continued)*
work; Scholasticism.
Refer from Catholic church—Educational work; Education — Europe — Medieval period; Women—Higher education.

Mongolism.
Refer from Mentally deficient.

Monism.
See also Dualism; Pluralism.
Refer from Education—Theories and principles; Idealism; Materialism; Philosophy; Purposive psychology; (s): Panpsychism.

Monitorial systems.
See also Monitors.
Refer from Charity schools; City normal schools and teachers colleges; Classroom management; Discipline, School; Education—England—Modern period; Education—U. S.—Colonial period; Philanthropy, Educational; Prefects and the prefect system; Student self-government; Teacher training; Teaching—Methods and technique; (s): Bell system; Lancastrian system.

Monitors.
Refer from Monitorial systems; Routine procedures—Classrooms.

Montessori method. *See* Kindergarten education; *also* Montessori, Maria—Educational theories and methods. N. B. Names of persons are not included in this List. Insert when needed.

Moods.
(Psychological signification)
Refer from Emotions.

Moon system. *See* Blind—Printing and writing systems.

Moonlight schools.
Refer from Adult education; Evening schools; Illiteracy.

Moral defectives. *See* Delinquent children; Psychopathic children.

Moral development.
See also Character education.
Refer from Development.

Moral deviates. *See* Delinquent children; Psychopathic children.

Moral education. *See* Character education.

Moral insanity.
(Denotes inability to conform to legal and moral standards of community)
Refer from Juvenile delinquency; Mentally deficient; Morality and moral sense; Psychopathology; Unstable children.

Moral language.
See also Profanity.
Refer from Character education; Language and languages.

Moral philosophy. *See* Ethics.

Morale. *(P)*
(*Esprit de corps*)
—**Students.** *(U)*
Refer from Extra-curricular activities; Personnel service; Student life.
—**Public schools.**
Refer from Classroom management; Community and school; Discipline, School; (s): School spirit.
—**Universities and colleges.**
Refer from (s): College spirit.
—**Teachers.** *(U)*

Morality and moral sense.
(Philosophical connotations)
See also Intuition; Moral insanity; Student morality.

Morality and moral sense—*(Continued)*
Refer from Character education; Ethics; Innate ideas; (s): Immorality; Morals; Non-morality.

Morals. *See* Morality and moral sense; Student morality.

Moravian church—Educational work.
See also Pietism and education.
Refer from Church education.

Morbid psychology. *See* Psychopathology.

Morbidity. *(P)*
(Sickness and amount of disease)
Refer from (s): Illness; Sickness.

—Students. *(U)*
See also Diseases and defects—Students.
Refer from Health—Students; Sociology, Educational.

—Teachers. *(U)*
See also Mortality—Teachers.
Refer from Health—Teachers; Teacher accounting; (s): Teachers—Sickness.

Morning exercises. *See* Opening exercises.

Morons.
Refer from Children; Mentally deficient.

Morphology. *(S)*
Refer from Botany; Zoology.

Mortality. *(P)*

—Students. *(U)*
See also Suicides—Students.
Refer from Health—Students; Sociology, Educational; (s): Deaths—Students; Vital statistics.

—Teachers. *(U)*
Refer from Morbidity—Teachers; Teacher accounting; (s): Deaths — Teachers; Vital statistics.

Mothercraft and infant care. *(S, U)*
Refer from Child care; Infancy; Parenthood education.

Mothers' clubs. *See* Mothers' meetings.

Mothers' meetings.
Refer from Community-center activities—Public schools; Parent-teacher associations; (s): Mothers' clubs.

Motion-picture films, Educational. *See* Films, Educational.

Motion-picture machines.
Refer from Visual aids.

Motion pictures.
Refer from Adult education; Community and school; Leisure; Recreation; Sociology, Educational; (s): Moving pictures.

—Censorship.
Refer from (s): Censorship of motion pictures.

Motion pictures in education.
See also Films, Educational.
Refer from Visual education; (s): Cinema in education.

Motivation in education.
(The selection and organization of subject-matter with respect to the native interests of a child and his immediate contacts with life)
See also Activity; Assignments, Lesson; Emotions; Instincts; Interest; Motives; Motor processes; Sentiment; Supplementary reading; Teaching—Aids and devices; *also* Motivation used as a school-subject subdivision *(S)* e.g. Reading—Motivation.
Refer from Discipline, School; Recitations; Teaching—Theories and principles.

Motives.
(In general, a consideration which determines choice or induces action)
See also Incentives; Interest.
Refer from Attention; Behavior; Classroom management; Hedonism; Learning; Motivation in education; Self-activity; Study; Teaching — Theories and principles; Will.

Motor ability.
Refer from Ability; Consciousness; Differential psychology; Will.

Motor aphasia. *See* Aphasia and aphasias.

Motor control. *See* Habit.

Motor-control tests.
Refer from Psychological tests.

Motor defects. *See* Movement disorders.

Motor education.
See also Motor processes; Self-activity.
Refer from Education; Games; Physical education; (s): Motor learning.

Motor instincts. *See* Instincts.

Motor learning. *See* Motor education.

Motor-memory tests.
Refer from Psychological tests.

Motor processes.
See also Automatic movements; Automatism; Behavior; Contractility; Ideomotor; Muscles; Reactions; Reflexes; Stimulus and response; Vasomotor processes.
Refer from Activity; Behaviorism; Handwriting—Psychology; Industrial education; Mental development; Mind reading; Motivation in education; Motor education; Nervous system; Reaction psychology; Spelling — Psychology; Will; (s): Fundamental and accessory movements.

Mottoes. *(U)*
Refer from Insignia.

Mountain schools.
Refer from Rural schools; Schools.

Mouth hygiene. *See* Oral hygiene.

Movable furniture.
Refer from Furniture—Public schools.

Movable schools.
Refer from Agricultural extension; Home-economics extension; Schools.

Movement disorders.
See also Abulia; Aphasia and aphasias; Aphonia; Astasia-abasia; Ataxia; Catalepsy; Chorea; Convulsions; Epilepsy; Habit spasms; Intoxication; Paralysis; Paresis; Paroxysms; Phobia and phobias; Sex anomalies; Spasms; Speech defects; Stupor; Tremors; Vertigo.
Refer from Nervous system—Diseases; (s): Motor defects.

Movements in classroom. *See* Routine procedures—Classrooms.

Moving-picture films, Educational. *See* Films, Educational.

Moving pictures. *See* Motion pictures.

Moving schools.
(The first step in the evolution of district schools)
See also Divided schools.
Refer from Education—New England—History; Education—U. S.—Colonial period; Rural schools; Schools.

Multiple-answer tests. *See* Multiple-choice tests.

Multiple-choice tests.
(Type of test or examination)

Multiple-choice tests—*(Continued)*
Refer from Recognition tests; Tests—Types; (s): Multiple-answer tests.

Multiple correlation.
(Include computation, uses, and coefficients of multiple correlation)
See also Regression equations.
Refer from Correlation; Partial correlation; Statistical methods; Test scores—Weighting.

Multiple responses. *See* Reactions.

Multiple-type theory.
Refer from Individual differences; Personality.

Multiplication.
Refer from Arithmetic; Checks on computations; Mathematics.

Mumps.
Refer from Communicable diseases.

Municipal universities and colleges.
See also City normal schools and teachers colleges.
Refer from Universities and colleges; (s): City colleges.

Muscle reading. *See* Mind reading.

Muscles.
(Striped and smooth, fundamental and accessory)
See also Coordination; Kinesthetic sensations; Paresis.
Refer from Autonomic nervous system; Motor processes; Reacting mechanisms; Sense organs; (s): Accessory muscles; Fundamental and accessory movements.

Muscular sense. *See* Kinesthetic sensations.

Museums. *(U)*
See also Art—Galleries and museums; Children's museums; Natural-history museums.
Refer from Adult education; Geography—Teaching—Aids and devices; Geology—Teaching—Aids and devices; History—Teaching—Aids and devices; Sociology, Educational; Teaching—Aids and devices.

—Public schools.
(Collections designed as a supplementary agency in instruction and located in school buildings)
See also Exhibits—Public schools.
Refer from Architecture, School; Children's museums; Horticulture—High schools.

—Universities and colleges.

Museums, Children's. *See* Children's museums.

Museums, Educational.
(Institutions which are related to the profession of teaching rather than to actual teaching)
See also Exhibitions, Educational.

Museums, Traveling. *See* Traveling educational exhibits.

Museums and schools.
Refer from (s): Schools and museums.

Music. *(S, U)*
See also Children's songs and singing; Composition (music); Counterpoint; Harmony; Instrumental music; Music in education; Rhythm; Singing; Songs; Tones; Voice culture.
Refer from Expressive subjects; Festivals; Musical education; Quadrivium.

—Appreciation and interpretation. *(S, U)*
See also Musical instruments, Mechanical.
Refer from Appreciation; Instrumental music; Singing.

—Kindergartens.
See also Kindergarten games and songs.

Music—*(Continued)*

—Psychological effects.

Refer from Character education; Mental hygiene; (s): Psychological effects of music.

—Public schools.

See also Piano classes—Public schools.

—Teaching—Methods and technique.

See also Concert recitation; Ear training.

—Tests and scales.

Refer from Musical ability; (s): Musical ability tests.

—Universities and colleges.

Music, Instrumental. *See* Instrumental music.

Music, Vocal. *See* Singing; Voice culture.

Music in education.

(Meaning the part which music has played in education historically as well as its function now; the broad concept of the subject)

See also Opera, The, and education.

Refer from Education—History; Music.

Music memory contests. *(G)*

Refer from Contests—Public schools; Musical education.

Music rooms.

(Include both chorus and practice rooms)

See also Sound-proofing.

Refer from (s): Studios.

Music school settlements.

Refer from Music schools and conservatories; Schools.

Music schools and conservatories. *(G)*

(Include departments in colleges and universities)

See also Choir schools; Choristers' schools; Gild schools; Music school settlements; Song schools; *also* names of specific schools, e.g. Chicago musical college. N. B. Names of schools are not included in this List. Insert when needed.

Refer from Musical education; Private schools; Schools; (s): Conservatories of music.

Music study clubs.

Refer from Clubs; Study clubs; (s): Musical clubs.

Music supervisors.

Refer from Musical education; Special supervisors—Public schools; Supervisors—Public schools.

Music teachers. *(G, U)*

See also Voice teachers.

Refer from Musical education; Special teachers; Teachers.

Musical ability.

See also Auditory discrimination; Music—Tests and scales.

Refer from Ability.

Musical ability tests. *See* Music—Tests and scales.

Musical clubs. *See* Music study clubs; Musical societies.

Musical declamation.

Refer from Singing.

Musical education. *(G)*

See also Aural aids; Choral singing; Community singing; Music; Music memory contests; Music schools and conservatories; Music supervisors; Music teachers; Musical organizations; Musical recitals.

Refer from Education.

—Costs. *(U)*

Refer from Costs and expenditures.

—Curricula.

—History.

See also Choir schools; Choristers' schools; Gild schools; Song schools.

Musical education—*(Continued)*
—Teacher training.
Refer from Teacher training.

Musical instruments.
(String instruments, wood- and brass-wind instruments, and instruments of percussion)
Refer from Aural aids; Classrooms; Instrumental music; (s): Pianos.

Musical instruments, Mechanical.
See also Phonographs and victrolas.
Refer from Aural aids; Music—Appreciation and interpretation.

Musical organizations. *(U)*
See also Bands; Choral societies; Glee clubs; Orchestras.
Refer from Extra-curricular activities; Musical education.
—High schools.
—Universities and colleges.
See also Bands—Universities and colleges; Choral societies—Universities and colleges; Glee clubs—Universities and colleges; Orchestras—Universities and colleges.

Musical recitals.
Refer from Musical education; Recitals.

Musical societies. *(U)*
Refer from (s): Musical clubs; Societies.

Mutation. *See* Acquired characteristics; Evolution; Heredity; Instincts.

Mutism.
Refer from Deafness; Dementia precox; Hysteria; Idiots and idiocy; Imbeciles and imbecility; Melancholia; Speech defects.

Mutual aid and annuity associations—Teachers. *(U)*
Refer from Insurance—Teachers; Pensions and retirement systems—Teachers; Teachers' associations.

Myopia.
Refer from Eye—Diseases and defects; (s): Nearsightedness; Shortsightedness.

Mysticism.
(Philosophical and educational connotations)
See also Intuition; Symbolism and education.
Refer from Education — Europe — Medieval period; Education—Theories and principles; Monasticism and education; Neoplatonism; Philosophy; Religion, Psychology of.

Mythology. *See* Myths and mythology.

Myths and mythology.
See also Demonology.
Refer from Folklore; Religion, Psychology of; Story-telling; (s): Mythology.

N

Narcolepsy.
(Abnormal condition of sleepiness)
Refer from Epilepsy; Hysteria; Sleep.

Narcotics and narcotic habits.
(Include extent of use; also physiological and psychological effects)
See also Smoking.
Refer from Efficiency; Hygiene, Personal; Retardation, Mental; Temperance instruction; (s): Drug habit; Nicotine.

Narrative method.
(Use of dramatic incidents and stories of history)
Refer from History—Teaching—Methods and technique.

Nascent periods.
See also Recapitulation theory.
Refer from Child psychology; Growth, Physical; Individual differences; Mental development.

Natatoria. *See* Swimming pools.

National aid for education. *See* National appropriations for education.

National appropriations for education. *(G)*
Refer from Appropriations — Public schools; National support of education; (s): National aid for education.
—U. S.
Refer from Equalization, Educational; National support of education—U. S.; United States—Government and education; Vocational education; (s): Federal aid for education.

National education week. *See* American education week.

National governments and education. *See* names of countries with subdivision Government and education, e.g. United States—Government and education.

National holidays. *See* Holidays; Special days.

National safety week.
Refer from Safety education; Special weeks.

National supervision of teaching. *(G)*
Refer from Supervision of teaching.
—U. S.
Refer from United States—Government and education.

National support of education. *(G)*
See also National appropriations for education.
Refer from Support of education.
—U. S.
See also National appropriations for education—U. S.
Refer from United States—Government and education.

National teachers' associations. *(G)*
Refer from Teachers' associations.
—U. S.

National thrift week.
Refer from Special weeks; Thrift education.

National university for the U. S.
Refer from United States—Government and education; Universities and colleges.

Nationalities. *See* Nationalities used as a subdivision under personnel subject headings, e.g. Students—Nationalities.

Nationality surveys. *(G)*
Refer from Population studies; Student accounting.

Native reactions. *See* Instincts.

Nativism.
(Philosophical and psychological connotations)
See also Individual differences; Innate ideas; Intuition; Space perception.
Refer from Heredity; Original nature.

Natural-history museums.
Refer from Museums.

Natural method.
(Based upon psychological procedures and social practices)
See also Non-diacritic method; Structural method.
Refer from Teaching—Methods and technique.

Natural philosophy. *See* Physics.

Natural sciences.
See also Agriculture; Astronomy; Biology; Botany; Chemistry; Geography; Geology; Mineralogy; Nature study; Physics; Physiography; Science—Junior high schools; Zoology.

—Teaching—Methods and technique.
See also Demonstration, Method of; Experiments, Teaching by; Laboratory method; Object teaching.

Natural selection.
See also Adjustment; Variations.
Refer from Education—Theories and principles; Eugenics; Evolution; Heredity; Instincts.

Naturalism in education.
See also Humanism and naturalism.
Refer from Education—Europe—Modern period; Enlightenment and education.

Nature.
(Educational influence)
Refer from Country life and education; Humanism and naturalism.

—Appreciation.
Refer from Appreciation; Nature study.

Nature and nurture.
(Include controversial literature)
See also Determinism, Educational; Mental development; Original nature.
Refer from Education—Theories and principles; (s): Nurture and nature.

Nature drawing. *(S, U)*
Refer from Drawing.

Nature readers.
Refer from Nature study—Supplementary reading; Readers; (s): Science—Juvenile literature.

Nature study. *(S, U)*
See also Aquariums—Public schools; Bird study; Gardens, School; Nature—Appreciation; Sex education.
Refer from Agricultural arts; Biology; Botany; Camp-fire girls; Content subjects; Geography; Health education; Natural sciences.

—First grades.

—Supplementary reading.
See also Nature readers.

—Teaching—Methods and technique.
See also Form study; Object teaching.

Nautical education. *(G)*
(To train officers for peaceful pursuits on sea)
See also Nautical training schools; Training ships.
Refer from Education; Naval education; (s): Navigation, Training in; Seamanship education.

Nautical training schools. *(G)*
Refer from Nautical education; Schools; Training ships.

Naval education. *(G)*
(To train officers and men enlisted in the navies)
See also Nautical education; Naval schools and academies.
Refer from Education.

Naval schools and academies. *(G)*
Refer from Naval education; Schools.

Navigation, Training in. *See* Nautical education.

Nearsightedness. *See* Myopia.

Neatness, School. *See* Housekeeping—School buildings.

Necessitarianism. *See* Determinism, Educational.

Needle work. *(S, U)*
Refer from Arts and crafts; Handwork; Kindergarten education.

Negro education. *See* Negroes in the U. S. —Education.

Negro schools and colleges. *(G)*
Refer from Race segregation in education; Schools; (s): Colored schools.

Negro teachers.
Refer from Teachers.

Negroes and Whites.
Refer from Intelligence; Racial differences; (s): Whites and Negroes.

Negroes in the U. S.
(Include data on intelligence)
Refer from Illiteracy.

—Education.
See also Agricultural education; Home-economics education; Industrial education.
Refer from Boards and foundations, Educational; Coeducation (race); Education —U. S.; Sociology, Educational; (s): Colored children in the U. S.—Education; Freedmen—Education; Negro education.

Neighborhood schools.
(For both parents and their children)
Refer from Adult education; Immigrants in the U. S.—Education; Schools.

Neohumanism.
(Revival of the Hellenic ideal in German thought during the latter part of the eighteenth century)
See also Culture and cultural values.
Refer from Education — Germany — History; Humanism and naturalism.

Neoplatonism.
See also Innate ideas; Mysticism.
Refer from Education—Europe—Medieval period; Monasticism and education; Philosophy.

Nerve impulses.
See also Neurones.
Refer from Activity; Nervous system; Reactions; Stimulus and response; (s): Impulses, Nerve.

Nerves.
See also Neurones.
Refer from Nervous system.

Nervous breakdown. *See* Neurasthenia.

Nervous children. *See* Neurotic children.

Nervous diseases. *See* Nervous system—Diseases.

Nervous exhaustion. *See* Neurasthenia.

Nervous prostration. *See* Neurasthenia.

Nervous system.

See also Anatomy; Association; Autonomic nervous system; Brain; Coordination; Diffusion; Facilitation; Fatigue, Mental; Habit; Inhibition; Motor processes; Nerve impulses; Nerves; Neurones; Plasticity; Reflexes; Sleep; Spinal cord.

Refer from Mind and body; Physiological psychology; Psychology; (s): Central nervous system; Ganglia; Innervation; Synapses.

—Diseases.

(Include disorders)

See also Allochiria; Anesthesia and anesthesias; Aphasia and aphasias; Aphonia; Ataxia; Catalepsy; Chorea; Convulsions; Cretinism; Epilepsy; Habit spasms; Headache; Hysteria; Infantile paralysis; Meningitis; Microcephalous; Movement disorders; Neurasthenia; Neurotic children; Nightmares; Paralysis; Paresis; Psychasthenia; Psychoneuroses; Psychoses; Spasms; Speech defects.

Refer from Diseases and defects—Students; (s): Degeneracy — Students; Nervous diseases; Neurology.

Nervously handicapped children. *See* Unstable children.

Nervousness. *See* Neurasthenia.

Neurasthenia.

See also Abulia; Fatigue; Fixed ideas; Nightmares; Obsessions.

Refer from Nervous system—Diseases; Psychoneuroses; (s): Nervous breakdown; Nervous exhaustion; Nervous prostration; Nervousness.

Neurology. *See* Nervous system—Diseases.

Neurones.

(Sensory, central, and motor)

See also Irritability.

Refer from Nerve impulses; Nerves; Nervous system; (s): Axons; Dendrites; Synapses.

Neuroses. *See* Psychoneuroses.

Neurotic children.

(Children who have functional defects in nervous system, e.g. emotional instability, inability to relax, quick fatigue, poor memory and concentration, talking in sleep, excessive dreaming, enuresis, etc.)

See also Aphasia and aphasias; Chorea; Habit spasms; Hyperesthesia; Hysteria; Nightmares; Nomadism; Psychoneuroses; Somnambulism; Speech defects; Suicides — Students — Elementary schools.

Refer from Children; Nervous system—Diseases; Unstable children; (s): Nervous children; Peculiar children; Queer children.

New-type examinations. *See* Objective examinations.

New York point system. *See* Blind—Printing and writing systems.

News, Educational.

Refer from (s): School news.

Newspapers and periodicals. *(U)*
See also Student newspapers and periodicals.
Refer from Continuous publicity; Journalism; Publications; (s): Magazines.
—Public schools.
See also Student newspapers and periodicals — Elementary schools; Student newspapers and periodicals — High schools.
Refer from (s): Papers, School; School papers.
—Universities and colleges.
See also Student newspapers and periodicals—Universities and colleges.
Refer from (s): College periodicals.
—Uses.
Refer from Current events—Teaching—Aids and devices; Social sciences—Teaching—Aids and devices; Teaching—Aids and devices; (s): Uses of newspapers and periodicals.

Nicotine. *See* Narcotics and narcotic habits.

Night schools. *See* Evening schools.

Nightmares.
Refer from Dreams and dream states; Epilepsy; Hysteria; Nervous system—Diseases; Neurasthenia; Neurotic children; Phobia and phobias.

Ninth grades.
See also Ninth grades used as a unit-of-school-organization subdivision *(U)* e.g. Mathematics—Ninth grades.
Refer from High schools; Junior high schools.

Nomadism.
(Uncontrollable desire to run away from home; *Wanderlust*)
Refer from Mentally deficient; Neurotic children; Psychopathic children.

Nomenclature, Educational. *See* Terminology, Educational.

Nominalism. *See* Idealism and realism; Ideas and ideation.

Non-Christian religions and education. *See* Brahmanism and education; Buddhism and education; Confucianism and education; Mohammedans — Educational work.

Non-diacritic method.
Refer from Natural method.

Non-English speaking classes. *See* Foreign-speaking children—Education.

Non-language tests. *See* Performance tests.

Non-method readers. *See* Readers.

Non-morality. *See* Morality and moral sense.

Non-promotions — Students. *See* Failures — Students.

Non-resident students. *(U)*
See also Tuition fees.
Refer from Students.
—Public schools.
(Students who attend schools not located in their own districts)
—Universities and colleges.
(Students who do not attend the regular classes of universities and colleges but do extension or absentia work)
Refer from Absentia work; Students—Universities and colleges; University extension.

Non-verbal intelligence tests. *See* Performance tests.

Nonsense syllables.
Refer from Psychological tests.

Noon hour.
Refer from Recesses, School.

Normal curves of distribution. *See* Normal frequency curves.

Normal frequency curves.
Refer from Frequency curves; Normal frequency distribution; (s): Normal curves of distribution.

Normal frequency distribution.
See also Normal frequency curves.
Refer from Frequency distributions; (s): Chance distribution.

Normal-school libraries. *See* Libraries—Normal schools and teachers colleges.

Normal-school professors and instructors. *See* Teachers—Normal schools and teachers colleges.

Normal schools and teachers colleges. *(G)*
See also Bureaus of educational research—Normal schools and teachers colleges; City normal schools and teachers colleges; Colleges of education; County normal schools; Departments of education—Universities and colleges; Extension courses for teachers; Kindergarten training schools; Laboratory schools; Observation schools; Practice schools; Rural practice schools; State normal schools and teachers colleges; *also* Normal schools and teachers colleges used as a unit-of-school-organization subdivision *(U)* e.g. Appropriations—Normal schools and teachers colleges.
Refer from Higher education; Schools; (s): Educational colleges; Schools of education; Teachers colleges.

— Administration. *See* Administration — Normal schools and teachers colleges.

—Appointment bureaus. *See* Appointment bureaus—Normal schools and teachers colleges.

— Buildings. *See* Buildings — Normal schools and teachers colleges.

—Curricula. *See* Curricula—Normal schools and teachers colleges.

—Entrance requirements. *See* Entrance requirements—Normal schools and teachers colleges.

—Finance. *See* Finance—Normal schools and teachers colleges.

—Presidents. *See* Presidents — Normal schools and teachers colleges.

—Rules and regulations. *See* Rules and regulations—Normal schools and teachers colleges.

— Standards. *See* Standards — Normal schools and teachers colleges.

Normal schools and teachers colleges, Private. *(G)*

Normal training classes—High schools.
Refer from City normal schools and teachers colleges; Rural education—Teacher training; Teacher training — High schools; (s): Training classes in high schools.

Norms for tests. *See* Norms used as a test subdivision *(T)* e.g. Tests and scales—Norms.

Norwegian language.
Refer from Modern languages; Scandinavian languages.

Nose.
See also Adaptation, Sensory.
Refer from Sense organs.

—Care and hygiene.
Refer from Health—Students.

Nose—*(Continued)*
—Diseases and defects.
See also Adenoids.
Refer from Diseases and defects—Students.
—Examinations.
Refer from Medical examinations.

Notation.
(Include the various systems of notation)
Refer from Mathematics—History.

Note-taking.
Refer from Lecture method; Notebook method.

Notebook method.
See also Note-taking.
Refer from Botany—Teaching—Methods and technique; History—Teaching—Methods and technique; Home economics—Teaching—Methods and technique; Study; Teaching—Methods and technique; Topical method; Zoology—Teaching—Methods and technique.

Number, Psychology of.
See also Abstraction; Analysis and synthesis; Comparison.
Refer from Genetic psychology; Mathematics.

Number combinations.
Refer from Arithmetic.

Number form.
Refer from Space perception; Synesthesia.

Number work.
Refer from Arithmetic; Kindergarten education.

Nunnery schools. *See* Convent schools.

Nursery rhymes.
Refer from Children's songs and singing; Kindergarten education; Preschool education.

Nursery schools. *(G)*
Refer from Dame schools; Philanthropy, Educational; Preschool education; Schools; (s): Crèches; Day nurseries; Infant schools.

Nurses. *(U)*
Refer from Health education; Medical inspectors.
—Public schools.
Refer from Health departments—Public schools; Health supervision — Public schools; Home and school; Medical inspection—Public schools; Student advisers and counselors—Public schools; Teachers — Public schools; Women's clubs—Educational work.

Nurses' rooms.
(Include plans and construction)
Refer from Health service rooms.
—Public schools.
Refer from Health service rooms—Public schools.

Nursing, Home. *See* Home nursing.

Nursing education. *(G)*
Refer from Education; Medical education; Professional education; Sociology, Educational.

Nurture and nature. *See* Nature and nurture.

Nutrition. *(S)*
—Students. *(U)*
(Whether properly nourished or under-nourished)
See also Age-height-weight tables; Food—Students; Health standards; Rickets; Weight—Students.
Refer from Backward children; Health—Students; Physical examinations; (s):

Nutrition—Students—*(Continued)*
Diet of students; Malnutrition—Students.
—Elementary schools.
See also Lunches, School; Milk service—Public schools.
Refer from (s): Children—Nutrition.

Nutrition classes.
(For under-nourished children)
See also Milk service—Public schools.
Refer from Anemic children—Education; Health supervision—Public schools; Special education; (s): Feeding, School.

Nymphomania. *See* Sex anomalies.

O

Object and subject.
(Philosophical connotations)
See also External objects.
Refer from Epistemology; Idealism; Self.

Object drawing.
Refer from Drawing.

Object teaching.
See also Action work; Apparatus—Public schools; Dramatization; Excursions; Exhibits—Public schools; Expositions and education; Field work; Laboratory method; Objective method; Percepts and perception; Travel as education; Visual education.
Refer from Astronomy—Teaching—Methods and technique; Botany—Teaching—Methods and technique; Chemistry—Teaching—Methods and technique; Geography—Teaching—Methods and technique; Kindergarten education; Manual arts—Teaching—Methods and technique; Mathematics—Teaching—Methods and technique; Natural sciences—Teaching—Methods and technique; Nature study—Teaching—Methods and technique; Primary education; Sociology—Teaching—Methods and technique; Spelling—Teaching—Methods and technique; Teaching—Methods and technique; Teaching—Types; Zoology—Teaching—Methods and technique.

Objective examinations.
See also Tests—Types.
Refer from Achievement tests; Examinations; Measuring results in education; Tests and scales; (s): New-type examinations.

Objective method.
See also Attention; Demonstration, Method of; Dramatization; Interest; Observation; Oswego movement; Visual aids.
Refer from Abnormal psychology; Animal psychology; Behaviorism; Child psychology; Differential psychology; Object teaching; Reaction psychology; Realism; Scientific methods; Sense training; Teaching—Theories and principles.

Objective psychology. *See* Behaviorism; Functional psychology.

Objectives. *See* Education—Aims and objectives; *also* Aims and objectives used as a subdivision under specific types of education, e.g. Higher education—Aims and objectives; *also* Aims and objectives used as a school-subject subdivision *(S)* e.g. Arithmetic—Aims and objectives.

Observation.
(A type of learning activity; include its training)
See also Accuracy; Attention; Errors of observation; Introspection; Visual perception.
Refer from Belief; Drawing; Experimental methods; Generalization; Induction; Inductive method; Judgment;

Observation—*(Continued)*
Learning; Objective method; Percepts and perception; Psychology, Educational; Reaction psychology; Scientific methods.

Observation of teaching.
See also Demonstration lessons; Observation schools.
Refer from Practice teaching; Student-teachers; Teacher training; Teacher training in service; Visitations, Class.

Observation schools.
(Schools which are used as models or types for observational purposes)
Refer from Laboratory schools; Normal schools and teachers colleges; Observation of teaching; Practice schools; Schools; Teacher training; (s): Model schools.

Observatories, Astronomical.
Refer from Astronomy.

Obsessions.
Refer from Attention; Fixed ideas; Insanity and insanities; Mania and manias; Manic-depressive insanity; Melancholia; Neurasthenia; Phobia and phobias; Psychasthenia; Psychiatry; Psychoses; Psychotherapy; Will—Diseases.

Occupation, Choice of. *See* Vocational guidance.

Occupational analysis.
See also Job analysis.
Refer from Activity analysis.

Occupational instruction. *(U)*
See also Occupational studies; Vocational civics.
Refer from Vocational guidance; (s): Life-career classes; Occupations (school subject)

Occupational studies.
Refer from Occupational instruction; Vocational guidance.

Occupational tests. *(T)*
(Tests to determine facility in the use of certain tools, instruments, and machines; administered to applicants in a trade or industry)
Refer from Industrial education; Prognosis tests; Tests and scales; Vocational guidance; Vocational tests.

Occupational training. *See* Vocational education.

Occupations (school subject) *See* Occupational instruction; Vocational civics.

Occupations of children. *See* Child labor.

Occupations of graduates. *See* Graduates.

Occupations of parents. *See* Parents—Occupations.

Ocular classes. *See* Sight-saving classes.

Odors. *See* Olfactory sensations.

Office practice. *(S, U)*
Refer from Commercial education.

Office procedure. *(U)*
See also Card systems in education; Files and filing.
—Public schools.
Refer from Business administration—Public schools; Offices—Public schools.

Offices. *(U)*
—Equipment and supplies. *(U)*
—Public schools.
(Include school office buildings as well as offices located in other buildings)
See also Office procedure—Public schools.
Refer from Architecture, School.

Olfactory perception.
See also Olfactory sensations.
Refer from Percepts and perception; (s): Smell.

Olfactory sensations.
Refer from Experimental psychology; Olfactory perception; Senses and sensation; (s): Odors.

Olympic games.
Refer from Athletics; (s): Games, Olympic.

One-room schools. *See* One-teacher schools.

One-teacher schools. *(G)*
Refer from Rural schools; Schools; (s): One-room schools; Single-room schools.

Ontology.
Refer from Metaphysics.

Open-air schools. *(G)*
(For anemic and tuberculous children; include open-air classes)
See also Milk service—Public schools.
Refer from Anemic children—Education; Clothing—Students; Health supervision—Public schools; Physically handicapped—Education; Schools; Special education; Tuberculous children—Education; Women's clubs—Educational work; (s): Feeding, School; Forest schools (tuberculous children); Fresh-air classes; Health schools; Open-window classes; Outdoor classes and schools; Sanatorium schools; Sanitarium schools.

Open-forums.
Refer from Adult education; People's institutes; Platform, The, and education.

Open-window classes. *See* Open-air schools.

Opening exercises.
(Include devotional, group-singing, educative, and socializing exercises, and special musical, literary, and dramatic exercises)
See also Bible reading—Public schools; Devotional exercises—Public schools.
Refer from Assemblies — Elementary schools; Classroom management; (s): Exercises (programs); Morning exercises.

Opera, The, and education.
(Educational function of the opera as an institution)
Refer from Adult education; Esthetic education; Leisure; Music in education; Recreation; Sociology, Educational.

Operation—Plants. *(U)*
(Include cost of fuel, telephone, gas, electricity, water, operation, supplies, wages of janitors, etc.)
See also Wages—Engineers; Wages—Janitors.
Refer from Costs and expenditures; Plants.

Ophthalmia neonatorum.
Refer from Blind; Eye—Diseases and defects.

Opportunities, Educational.
See also Equalization, Educational.

Opportunity classes. *See* Ungraded rooms.

Opportunity schools. *(G)*
(Vocational schools which aim to give adult people the special training which they desire at the time they want it)
Refer from Adult education; Part-time education; Vocational education.

Opposites tests.
(Type of test or examination)
Refer from Tests—Types.

Optical illusions. *See* Illusions.

Optics.
(Science of light)
See also Space perception; Visual sensations.
Refer from Visual perception; (s): Dioptrics.

Optimism.
(As a systematic philosophy)
See also Pessimism.
Refer from Education—Theories and principles; Philosophy.

Optional subjects. *See* Curricula—Variables.

Oral arithmetic. *See* Mental arithmetic.

Oral composition. *(S, U)*
See also Better-speech week; Memory work; Picture study; Rhetoric; Story-telling.
Refer from Elocution; English language—Composition; Expression; Public speaking; Speech education; (s): Composition (English); English; English composition; English language—Composition, Oral; Extemporaneous speaking; Oral English.

Oral-deaf schools. *(G)*
Refer from Deaf—Schools and institutions; Schools.

Oral English. *See* Oral composition.

Oral expression. *See* Expression; Public speaking.

Oral hygiene.
See also Teeth—Care and hygiene; Throat—Care and hygiene.
Refer from Hygiene, Personal; (s): Hygiene, Mouth; Hygiene, Oral; Mouth hygiene.

Oral instruction. *See* Oral method.

Oral method.
See also Class discussions; Concert recitation; Conversational method; Dictation, Method of; Didactic method; Dramatization; Lecture method; Socialized recitation; Story-telling.
Refer from Teaching—Methods and technique; (s): Oral instruction.

Oral reading. *(S, U)*
See also Diacritical method; Phonetic method.
Refer from Expression; Reading; (s): Reading, Oral.

Orations and oratory.
See also Oratorical contests.
Refer from Public speaking; Renaissance, The, and education; Rhetoric; Speech education; (s): Declamation; Oratory.

Oratorians—Educational work.
Refer from Catholic church—Teaching orders; Monasticism and education.

Oratorical contests. *(U)*
Refer from Contests; Orations and oratory; Speech education.

Oratory. *See* Orations and oratory.

Orchestras. *(U)*
Refer from Instrumental music; Musical organizations.

—Universities and colleges.
Refer from Musical organizations—Universities and colleges.

Order of school subjects.
(In the daily program)
See also Time allotments.
Refer from Daily programs and time schedules.

Organic chemistry. *(S)*
Refer from Chemistry.

Organic sensations.
See also Paresthesia.
Refer from Emotions; Feelings; Senses and sensation.

Organization—Public schools. *See* Administration—Public schools.

Organizations. *See* Associations; Student organizations and societies.

Organized play. *See* Supervised play.

Oriental languages.
See also Hebrew language.
Refer from Ancient languages; Foreign languages; (s): Languages, Oriental.

Orientals—Education.
—History.
See also Jews—Education—History.

Orientation—Buildings. *(U)*
Refer from (s): Buildings—Orientation.
—Public schools.
Refer from Building sites—Public schools; Lighting, Natural—Public schools.

Orientation courses. *(U)*
Refer from Educational guidance; Freshman week.
—Junior high schools.
(A type of educational and vocational guidance)
—Universities and colleges.
(Designed by university authorities to assist in the adjustment of freshmen)
Refer from Administration—Universities and colleges; Curricula—Universities and colleges.

Original nature.
(The characteristics and tendencies with which one is born)
See also Capacities; Individual differences; Instincts; Nativism; Reflexes.
Refer from Heredity; Learning; Nature and nurture; Psychology, Educational.

Originality. *See* Imagination.

Ornithology. *See* Bird study.

Orphanage schools. *(G)*
Refer from Institutional schools; Orphans—Education; Schools; (s): Crèches.

Orphans—Education.
See also Charity schools; Hospital schools; Orphanage schools; Ragged schools.
Refer from Dependent children—Education; Education—U. S.—Colonial period; Philanthropy, Educational; Sociology, Educational.

Orthography. *See* Spelling.

Orthopedic classes.
Refer from Crippled children—Education; Physically handicapped — Education; Special education.

Oswego movement.
Refer from Objective method; Teacher training.

Out-of-school reading. *See* Recreational reading.

Outdoor classes and schools. *See* Open-air schools.

Outlay, Capital. *See* Capital outlay.

Outline maps. *See* Maps and atlases.

Outlines, syllabi, etc.
See also Outlines, syllabi, etc. used as a form subdivision *(F)* e.g. Psychology, Educational—Outlines, syllabi, etc.

Outside reading. *See* Recreational reading; Supplementary reading.

Outside work and credit. *See* Credit for outside work.

Over-age children. *See* Backward children; Dull children.

Overageness. *See* Retardation—Students.

Overcrowding of curricula. *See* Curricula—Overcrowding.

Overgrown children.
Refer from Children; Physically handicapped.

Overlearning.
See also Improvability.
Refer from Economy of time; Learning; Retention.

Overpressure (education)
See also Fatigue, Mental.
Refer from Hygiene, School; (s): Mental overwork; Overstudy; Overwork (education)

Overstudy. *See* Overpressure (education)

Overweight—Students. *(U)*
Refer from Weight—Students.

Overwork (education) *See* Overpressure (education)

P

Pageantry. *(U)*
See also Acting.
Refer from Festivals; Recreation—Students.

Paidology. *See* Child study.

Pain.
See also Anesthesia and anesthesias; Hyperalgesia; Warm and cold spots.
Refer from Cutaneous sensations; Feelings.

Pain and pleasure. *See* Hedonism.

Painting. *(S, U)*
(Include still life, figure, and landscape)
See also Art—Appreciation and interpretation; Drawing.
Refer from Art; Art education; Self-activity.

Painting and varnishing. *(S, U)*
Refer from Industrial education; (s): Varnishing (school subject)

Palace schools.
Refer from Education — Europe — 15th–16th centuries; Gentry and nobles—Education; Renaissance, The, and education.

Paleontology. *(S, U)*
Refer from Geology; Zoology.

Panpsychism. *See* Monism.

Paper cutting. *See* Paper work.

Paper work.
Refer from Busy work; Kindergarten education; Primary education; (s): Paper cutting.

Papers, School. *See* Newspapers and periodicals—Public schools; Student newspapers and periodicals — Elementary schools; Student newspapers and periodicals—High schools.

Papers, Student (term) *See* Student themes and papers.

Parallel courses.
See also Cambridge plan; Portland plan.
Refer from Curricula; Individual differences — Adjustments — Public schools; (s): Double-track system.

Parallelism, Psychophysical.
Refer from Education—Theories and principles; Mind and body; Philosophy; Physiological psychology; Purposive psychology.

Paralysis.
See also Infantile paralysis.
Refer from Movement disorders; Nervous system—Diseases; Paresis; Will—Diseases.

Paranoia.
See also Attention; Delusions; Hallucinations; Megalomania.
Refer from Insanity and insanities; Manic-depressive insanity; Psychoses.

Paraphasia. *See* Aphasia and aphasias.

Parathyroid glands.
Refer from Glands, Ductless.

Parent-teacher associations. *(G)*
See also Child welfare; Lunches, School; Mothers' meetings; Parenthood education.
Refer from Associations, Educational; Community and school; Community-center activities—Public schools; Home and school; (s): Home and school associations; Home-school leagues; Parents' associations; Societies.

Parental schools. *(G)*
See also Disciplinary classes.
Refer from Attendance departments—Public schools; Compulsory education; Delinquent children—Education; Expulsions and dismissals—Students; Reformatory education; Schools; Truants and truancy; (s): Truant schools.

Parenthood education.
See also Character education; Child care; Child psychology; Child welfare; Eugenics; Heredity; Mothercraft and infant care; Physiology, Human; Sex education.
Refer from Home, The, and education; Parent-teacher associations; Sociology, Educational; Women's clubs—Educational work; (s): Education for motherhood.

Parents.
Refer from Educational guidance; Vocational guidance.
—Economic status.
Refer from Home, The, and education; (s): Economic status of family.
—Nationalities.
—Occupations.
Refer from Home, The, and education; (s): Occupations of parents.
—Social status.
Refer from Home, The and education; (s): Social status—Parents.

Parents and teachers.
See also Discipline, School; Health education; Sex education.
Refer from Home and school; (s): Teachers and parents.

Parents' associations. *See* Parent-teacher associations.

Paresis.
(Muscular weakness; also a neuro-mental disease known as softening of brain)
See also Mania and manias; Megalomania; Paralysis.
Refer from Insanity and insanities; Movement disorders; Muscles; Nervous system—Diseases; Psychoneuroses.

Paresthesia.
Refer from Cutaneous sensations; Hallucinations; Organic sensations.

Parish administration—Public schools. *See* County administration—Public schools.

Parish schools.
See also Bishops' schools; Church schools; Parochial schools.
Refer from Education—History; Elementary schools; Reformation, The, and education; Schools.

Parochial schools. *(G)*
See also Bilingual schools; Convent schools; *also* Parochial schools used as a unit-of-school-organization subdivision *(U)* e.g. Buildings—Parochial schools.
Refer from Attendance departments—Public schools; Catholic church—Educational work; Church schools; Lutheran

Parochial schools—*(Continued)*
church—Educational work; Parish schools; Private schools; Religious education; Schools; State administration—Public schools.

Paroxysms.
Refer from Movement disorders.

Parsing.
Refer from English language—Grammar—Teaching—Aids and devices.

Part and whole learning. *See* Whole and part learning.

Part-day sessions. *See* Half-day sessions.

Part-time education. *(G)*
See also Apprentices—Education; Back-to-the-school movement; Continuation schools; Cooperative schools; Dull-season classes; Employment certificates; Evening schools; In-and-outer classes; Opportunity schools; Part-time schools.
Refer from Administration—City schools; Child labor and education; Commercial education; Compulsory education; Education; Extension education; Industrial education; Secondary education; Sociology, Educational.

Part-time plan. *See* Half-day sessions.

Part-time schools. *(G)*
(Include classes; also part-time trade-extension schools and trade-preparatory schools)
See also Continuation schools.
Refer from Part-time education; Schools.

Part-time sessions. *See* Half-day sessions.

Partial correlation.
(Include computation, uses, and coefficient of partial correlation)
See also Multiple correlation; Regression equations.
Refer from Correlation; Statistical methods.

Partially blind—Education. *See* Sight-saving classes.

Pastel drawing. *(S, U)*
Refer from Drawing.

Pathological method.
(Examination for mental decay or disturbance)
Refer from Atypical children; Clinical psychology; Psychiatry.

Pathological psychology. *See* Psychopathology.

Patriotism.
Refer from Character education; Citizenship education; Education—Aims and objectives.

Patriotism, Teaching of.
See also Flag poles.
Refer from Sociology, Educational.

Patrons' day.
(Include exercises and celebrations)
Refer from Special days.

Pattern-making. *(S, U)*
Refer from Industrial education.

Patterns (psychology)
(Include stimulus pattern, neural pattern, and resulting action pattern)
See also Gestalt.
Refer from Habit; Integration; Reaction psychology; Visual perception.

Peace, International, and education. *See* World peace and education.

Peace, World, and education. *See* World peace and education.

Peace day.
(Include exercises and celebrations)
Refer from Special days.

Peculiar children. *See* Neurotic children; Psychopathic children.

Pedagogical age. *See* Educational age and quotient.

Pedagogical libraries. *See* Libraries, Educational.

Pedagogy. *See* Teaching.

Pediculosis.
Refer from Hygiene, Personal; Hygiene, School; Medical inspection; Skin diseases.

Pen and ink drawing. *(S, U)*
Refer from Drawing.

Penalties. *See* Punishments and penalties.

Penalty schedules. *See* Punishments and penalties.

Penmanship. *See* Handwriting.

Penny lunches. *See* Lunches, School.

Penology, Educational aspects of. *See* Reformatory education.

Pensions and retirement systems. *(P)*
See also Sinking funds.
Refer from (s): Retirement systems.
—Teachers. *(U)*
(Include private voluntary systems, quasi-public systems, semi-public systems, and public systems)
See also Mutual aid and annuity associations—Teachers.
Refer from Costs and expenditures.
—Public schools.
Refer from Finance—City schools; Insurance—Teachers—Public schools.

People's institutes. *(G)*
See also Choral societies; Dramatics; Lectures and lecture courses; Open-forums.
Refer from Adult education.

Per-student costs. *See* Unit-costs per student.

Percentile graphs. *See* Percentiles—Graphic representations.

Percentiles.
(Include percentile distribution, ranks, scores, and their calculation and interpretation)
Refer from Central tendency, Measures of; Quartiles; (s): Deciles.
—Graphic representations.
(Include percentile curves)
Refer from Graphic methods; Test scores — Distributions — Graphic representations; (s): Percentile graphs.

Percepts and perception.
See also Activity; Assimilation; Association; Attention; Auditory perception; Discrimination; Duration; Fusion; Gustatory perception; Hallucinations; Illusions; Intuition; Memory; Observation; Olfactory perception; Rhythm; Senses and sensation; Space perception; Tactual perception; Time perception; Visual perception.
Refer from Apperception; Child psychology; Consciousness; Dynamic psychology; Experimental psychology; Gestalt psychology; Handwriting—Psychology; Idealism; Learning; Mental development; Object teaching; Physiological psychology; Psychology; Reactions; Reading—Psychology; Reason and reasoning; Recognition; Recollection; Sensationalism; Sense training; Thought and thinking; (s): Apprehension.

Perceptual capacity tests.
Refer from Psychological tests.

Performance.
(A type of learning activity)
Refer from Learning.

Performance tests. *(T)*
(Non-linguistic intelligence tests which require the manipulation of physical material)
See also Form-board tests; Maze tests; Picture completion tests; *also* names of specific tests, e.g. The cube test. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Intelligence tests; Puzzles, Psychological; Tests and scales; (s): Intelligence tests, Non-verbal; Non-language tests; Non-verbal intelligence tests.

Periodicals, Educational. *(G)*
See also Periodicals used as a form subdivision *(F)* e.g. Latin language—Periodicals.
Refer from Journalism, Educational; (s): Educational publications; Literature, Educational; Magazines, Educational.

Periods of practice, Length of. *See* Length of practice periods.

Periods per week. *See* Length of week.

Permanent common school funds. *See* Permanent funds—Public schools.

Permanent funds. *(U)*
See also Endowments.
—Public schools.
(Include state funds, county funds, etc. whose principals are kept permanently invested by law and whose income alone can be devoted to the support of schools)
See also School lands.
Refer from Appropriations — Public schools; Revenues—Public schools; State appropriations for education; State finance—Public schools; (s): Common school funds; Funds, School; Permanent common school funds.

Permanent record systems.
Refer from Student accounting—Record systems.

Perpetual inventories. *See* Inventories.

Persistence in school. *See* Holding power.

Personal equation.
Refer from Differential psychology; Experimental psychology; Individual differences; Psychological tests; Reaction-time; Tests and scales.

Personal hygiene. *See* Hygiene, Personal.

Personal interviews. *See* Interviews and conferences.

Personal-service education.
See also Beauty-culture schools and courses.
Refer from Education; Vocational education.

Personality. *(P)*
(Expresses what one has; a property that one may acquire)
See also Character; Character traits; Dual personality; Emotions; Habit; Instincts; Intelligence; Multiple-type theory; Will.
Refer from Abnormal psychology; Clinical psychology; Education—Aims and objectives; Psychology; Psychology, Educational; Purposive psychology; Self; Social psychology; Subconscious mind.
—Teachers. *(U)*
Refer from Teachers—Qualifications.

Personality tests. *(T)*
See also Aptitude tests; Character-trait tests; Emotional tests; Social tests; Temperament tests; Volitional tests.
Refer from Educational measurements;

Personality tests—*(Continued)*
Mental tests; Tests and scales.
—Scores.

Personnel service. *(U)*
(Checks up on entering students, follows and helps them thru course and assists in placement; include personnel research)
See also Achievement tests—Uses; Clinical psychology; Clinics; Counseling systems; Educational guidance; Employment bureaus—Students; Intelligence tests—Uses; Interviews and conferences; Marks—Students—Uses; Morale—Students; Physical examinations; Social functions and activities; Social guidance; Student advisers and counselors; Vocational guidance.
Refer from Research work; (s): Student guidance.
—High schools.
—Universities and colleges.
See also Appointment bureaus—Universities and colleges; Deans of men; Deans of women; Student advisers and counselors—Universities and colleges.
Refer from (s): Universities and colleges—Personnel service.

Pertussis. *See* Whooping cough.

Pessimism.
(As a systematic philosophy)
Refer from Education—Theories and principles; Optimism; Philosophy.

Petrology. *(S, U)*
Refer from Geology.

Petty schools.
(Schools preparatory to grammar schools; length of course was usually three years)
Refer from A-B-C schools; Education—U. S.—Colonial period; Primary education; Schools.

Pharmaceutical colleges. *(G)*
(Include those maintained by universities)
See also names of specific colleges. N. B. Names of colleges are not included in this List. Insert when needed.
Refer from Pharmaceutical education; Universities—Colleges.

Pharmaceutical education. *(G)*
See also Apprentices—Education; Chemistry; Correspondence schools and courses; Pharmaceutical colleges.
Refer from Education; Gilds, Medieval—Educational work; Professional education; (s): Pharmacology.

Pharmacology. *See* Pharmaceutical education.

Phenomenalism.
(Philosophical and educational connotations)
See also Empiricism.
Refer from Education—Theories and principles; Epistemology; Philosophy; Positivism.

Philanthropy. *(P)*
—Students. *(U)*
Refer from Students; Welfare work—Students.
—Universities and colleges.
Refer from Welfare work—Students—Universities and colleges.

Philanthropy, Educational.
See also Boards and foundations, Educational; Charity schools; Detention schools; Endowments; Gifts and bequests; Hospital schools; Income and receipts—Universities and colleges; Monitorial systems; Nursery schools; Orphans—Education; Scholarships and fellowships; Sunday schools; Vacation

Philanthropy, Educational—*(Continued)*
schools.
Refer from Sociology, Educational; Wealth and education; (s): Educational philanthropy.

Philology. *(S, U)*
(Concerned with both languages and literature)
See also Archaeology; Literature; Phonetics.
Refer from Anthropology; Language and languages.

Philosophers. *(G)*
See also names of individual philosophers. N. B. Names of persons are not included in this List. Insert when needed. Consult Codes and Subdivisions for code *(B)*
Refer from Education—Biography.

Philosophical theories. *See* Philosophical theories used as a biographical subdivision *(B)* e.g. Plato — Philosophical theories. N. B. Names of persons are not included in this List. Insert when needed.

Philosophy. *(S, U)*
See also Causation; Concepts and conception; Dualism; Education—Theories and principles; Empiricism; Epistemology; Esthetics; Ethics; Humanism and naturalism; Idealism; Idealism and realism; Intellectualism; Interactionism; Logic; Materialism; Monism; Mysticism; Neoplatonism; Optimism; Parallelism, Psychophysical; Pessimism; Phenomenalism; Pluralism; Positivism; Pragmatism; Rationalism; Realism; Scepticism; Scholasticism; Soul-substance theory; Spiritualism; Transcendentalism; Voluntarism.
Refer from Metaphysics.

Philosophy of education. *See* Education — Theories and principles.

Phobia and phobias.
See also Delusions; Fixed ideas.
Refer from Fear; Movement disorders; Nightmares; Obsessions; Psychasthenia; Psychoneuroses; Psychotherapy.

Phonetic method.
(Use of characteristic symbols for each sound)
See also Syllabic method.
Refer from Modern languages—Pronunciation; Oral reading; Phonetics; Phonic method; Reading—Teaching—Methods and technique; Spelling—Teaching—Methods and technique; (s): Letter method.

Phonetic spelling. *See* Spelling reforms.

Phonetics.
See also English language—Pronunciation; Phonetic method.
Refer from Language and languages; Philology; Spelling.

Phonic method.
(Method of word-sound translation as the chief means of teaching reading)
See also Alphabetic method; Diacritical method; Phonetic method; Phonogrammic method; Syllabic method.
Refer from Reading—Teaching—Methods and technique; Word recognition.

Phonogrammic method.
(Use of phonograms or sight-sound units in the teaching of reading and spelling)
Refer from Phonic method; Reading—Teaching — Methods and technique; Spelling—Teaching—Methods and technique.

Phonographs and victrolas.
Refer from Aural aids; Modern languages —Teaching—Aids and devices; Musical instruments, Mechanical; (s): Victrolas.

Photography. *(S, U)*
Refer from Art; Chemistry.

Phrase method.
Refer from Analytic method; Reading—Teaching — Methods and technique; Thought-getting method.

Phrenology.
See also Character; Faculty psychology; Localization of functions.
Refer from Character diagnosis; Characterology; Differential psychology.

Physical ability.
Refer from Ability.

Physical ability tests. *(T)*
See also Endurance tests; *also* names of specific tests, e.g. Athletic badge tests. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Physical education; Tests and scales; (s): Ability tests; Physical efficiency tests.

Physical age. *See* Anatomical age; Physiological age.

Physical culture. *See* Physical education.

Physical defects.
(Include flat feet, pigeon breast, etc.)
See also Spinal curvature.
Refer from Crippled children; Diseases and defects—Students; Physical examinations; (s): Growth, Physical—Defects.

Physical development. *See* Growth, Physical.

Physical directors and teachers. *(G)*
(Include supervisors)
See also Coaches and coaching (athletics)
Refer from Physical education; Special teachers; Teachers; (s): Athletic directors.

Physical education. *(G, U)*
See also Adolescence; Apparatus—Physical education; Apparatus work; Athletics; Aural aids; Boxing; Breathing exercises; Corrective gymnastics; Dancing; Fencing; Games; Gymnasiums; Gymnastics; Hygiene; Medical examinations; Motor education; Physical ability tests; Physical directors and teachers; Physical-education schools; Physical examinations; Physical tests; Posture; Swimming; Track and field athletics; Walking.
Refer from Community churches—Educational work; Education; Health education; Health supervision; Young men's Christian associations — Educational work; Young women's Christian associations—Educational work; (s): Physical culture; Physical training; Training, Physical.

—Costs. *(U)*
Refer from Costs and expenditures.

—Courses of study. *(U)*

—Curricula. *(U)*
Refer from (s): Physical-education programs.

—Teacher training.
Refer from Teacher training.

—Universities and colleges.

Physical education for girls. *(G)*
See also Athletics for girls.

Physical education for girls—*(Continued)*
Refer from Girls—Education.

Physical education for women. *(G)*
See also Athletics for women; Gymnastics.
Refer from Women—Education.

Physical-education programs. *See* Physical education—Curricula.

Physical-education schools. *(G)*
(Include departments in universities and colleges)
See also names of specific schools. N. B. Names of schools are not included in this List. Insert when needed.
Refer from Physical education; Universities and colleges—Departments.

Physical efficiency tests. *See* Physical ability tests.

Physical examinations. *(U)*
(To test stage of physical development and degree of motor efficiency)
See also Age-height-weight tables; Growth, Physical; Medical inspection; Nutrition—Students; Physical defects; Weight—Students.
Refer from Examinations; Personnel service; Physical education; (s): Health examinations.

—Public schools.
Refer from Health departments—Public schools.

—Record systems. *(U)*
Refer from Health record systems; Record systems; (s): Physical record systems.

—Reporting systems. *(U)*
Refer from Health reporting systems; Reporting systems.

—Universities and colleges.
Refer from Entrance requirements—Universities and colleges.

Physical examinations for teachers.
Refer from Health—Teachers.

Physical exercise. *See* Exercise.

Physical geography. *(S, U)*
(Emphasis is placed on the physical features of the surface as features)
Refer from Geography.

Physical growth. *See* Growth, Physical.

Physical instruments. *See* Physical laboratories—Equipment and supplies.

Physical laboratories.
Refer from Laboratories.

—Equipment and supplies.
Refer from (s): Physical instruments.

Physical measurements. *See* Anthropometry.

Physical plants. *See* Plants.

Physical record systems. *See* Physical examinations—Record systems.

Physical tests. *(T)*
(Tests made during medical examinations)
See also Auditory tests; Dynamometric tests; Lung tests; Pulse-rate tests; Visual tests.
Refer from Medical examinations; Physical education; Tests and scales.

—Uses.
Refer from Vocational guidance.

Physical training. *See* Gymnastics; Physical education.

Physically handicapped.
See also Anemic children; Backward children; Blind; Blind-deaf; Cardiac children; Crippled children; Deaf; Epileptic children; Hard-of-hearing; Overgrown children; Speech defectives; Tuberculous children.
Refer from Atypical children; Census

Physically handicapped—*(Continued)*
School; Children; Health supervision; Individual differences; (s): Afflicted children; Defectives.

—Education. *(G)*
See also Hospital classes; Open-air schools; Orthopedic classes; Rehabilitation, Civil; Rehabilitation, Military.
Refer from Compulsory education; Curricula—Differentiation; Democracy and education; Special education.

Physicians. *(U)*
Refer from Health education; Medical inspectors.

—Public schools.
Refer from Health departments—Public schools; Health supervision — Public schools; Medical inspection — Public schools.

Physics. *(S, U)*
See also Mathematics.
Refer from Astronomy; Geology; Natural sciences; (s): Natural philosophy.

—Teaching—Methods and technique.
See also Demonstration, Method of; Laboratory method; Lecture method; Textbook method.

Physiognomy.
Refer from Character diagnosis.

Physiography. *(S, U)*
(Emphasis is placed on the mode of origin of the physical features of the surface of the earth and the processes involved)
Refer from Geography; Geology; Natural sciences.

Physiological age.
(Determined by the development of bodily functions)
Refer from Adolescence; Age; Child hygiene; Child study; Corporal punishment; Growth, Physical; Individual differences; (s): Physical age.

Physiological apparatus. *See* Physiological laboratories—Equipment and supplies.

Physiological laboratories.
Refer from Laboratories.

—Equipment and supplies.
Refer from (s): Physiological apparatus.

Physiological psychology.
(Science of functional relations between physiological and psychical processes)
See also Fatigue, Mental; Inhibition; Left- and right-handedness; Nervous system; Parallelism, Psychophysical; Percepts and perception; Reaction psychology; Sense organs; Sleep; Subconscious mind.
Refer from Clinical psychology; Experimental psychology; Mind and body; Psychology; Psychophysics; (s): Psychology, Physiological; Psychophysiology.

Physiology. *(S, U)*
(Treats of the functions or life activities of animals and plants)
See also Animal physiology; Biology; Botany; Physiology, Human; Zoology.
Refer from Health education; Sex education.

Physiology, Human. *(S, U)*
(Almost all elementary and secondary school "physiology" properly belongs here)
See also Anatomy; First aid; Somatology; Temperance instruction.
Refer from Animal physiology; Biology; Hygiene; Hygiene, Personal; Parenthood education; Physiology.

Physiology, Plant. *See* Botany.

Piano classes. *(U)*
—Public schools.
Refer from Music—Public schools.

Pianos. *See* Musical instruments.

Piarists—Educational work.
See also Primary education.
Refer from Catholic church—Teaching orders.

Picture collections.
See also Pictures; Picturols; Slides; Stereographs.
Refer from Art—Exhibitions; Libraries—Public schools.

Picture completion tests. *(T)*
Refer from Completion tests; Performance tests.

Picture study. *(S, U)*
See also Pictures.
Refer from Art—Appreciation and interpretation; English language—Composition; Esthetic education; Oral composition.

Pictures.
Refer from Picture collections; Picture study; Visual aids.

Pictures as school decorations. *See* Decorations, School.

Picturols.
Refer from Films, Educational; Picture collections; Visual aids.

Piecemeal and whole learning. *See* Whole and part learning.

Pietism and education.
See also Charity schools; Democracy and education; Home and school; Hospital schools; Ragged schools; Sunday schools; Vernacular, Teaching in the.
Refer from Education — Europe — 17th century; Education—Theories and principles; Friends, Society of—Educational work; Moravian church — Educational work.

Pituitary gland.
Refer from Glands, Ductless.

Placards. *See* Charts; Posters.

Placement — Teachers. *See* Teacher placement.

Placement bureaus. *See* Employment bureaus.

Placement examinations.
See also Prognosis tests.
Refer from Examinations — Universities and colleges; Freshman week.

Plane geometry. *(S, U)*
Refer from Geometry; Mathematics.

Plans—School buildings. *See* Building designs and plans—Public schools.

Plant husbandry. *See* Agronomy; Horticulture.

Plant schools. *(G)*
(Commonly called the training department of an industry; has definite department organization with physical equipment and isolated location; includes the training of both old and new employees in plant processes)
See also Vestibule schools.
Refer from Apprentices—Education; Corporation schools.

Plants. *(U)*
(The physical plants of educational institutions)
See also Appraisal—Plants; Buildings; Depreciation — Plants; Equipment; Grounds; Maintenance—Plants; Operation—Plants.
Refer from (s): Physical plants.

Plants—*(Continued)*
—**Costs.** *(U)*
See also Buildings—Costs; Equipment—Costs; Grounds—Costs.
Refer from Capital outlay.
—**Public schools.**
See also Buildings—Public schools; Equipment—Public schools; Grounds—Public schools.
Refer from (s): School plants.
—**Universities and colleges.**
See also Buildings—Universities and colleges; Grounds—Universities and colleges.
Refer from Finance—Universities and colleges.
—Valuation. *See* Appraisal—Plants.

Plants as school decorations. *See* Decorations, School.

Plastic art. *(S, U)*
See also Clay-modeling; Sculpture.
Refer from Art education; Arts and crafts.

Plasticity.
(Modifiability)
Refer from Accommodation; Adaptation; Adjustment; Animal psychology; Determinism, Educational; Docility; Environment; Freedom of will; Habit; Infancy; Nervous system; Psychology, Educational; Reactions.

Plateaus of learning.
Refer from Curves of learning.

Platform, The, and education.
(The platform considered as an educational institution)
See also Lectures and lecture courses; Open-forums.
Refer from Publicity; Sociology, Educational.

Platoon plan.
See also Auditorium activities; Coordinators; Home-room teachers; Home rooms; Relief teachers.
Refer from Administration—City schools; Departmental plan; Economies—Public schools; Elementary education; (s): Alternating plan; Companion class plan; Duplicate plan; Gary plan; Rotary plan; Work-study-play plan.

Platoon schools. *(G)*
See also Platoon schools used as a unit-of-school-organization subdivision *(U)* e.g. Buildings—Platoon schools.
Refer from Elementary schools; Schools.
—Buildings—Designs and plans. *See* Building designs and plans—Platoon schools.
—Curricula. *See* Curricula — Platoon schools.

Play.
(Theory of play and its value in education)
See also Activity; Free play; Games; Imagination; Playgrounds; Supervised play.
Refer from Animal psychology; Curricula; Health education; Instincts; Kindergarten education; Learning; Preschool education; Psychology, Educational; Recapitulation theory; Recreation; Self-activity; (s): Games, Psychology of.

Play, Free. *See* Free play.

Play, Method of.
Refer from Teaching—Methods and technique.

Play, Supervised. *See* Supervised play.

Play directors.
Refer from Playgrounds; (s): Playground directors.
—Training.
Refer from Education; (s): Training of play directors.

Play schools. *See* Health play schools.

Playground directors. *See* Play directors.

Playgrounds. *(U)*
(Include activities)
See also Games; Play directors; Public playgrounds; Roof playgrounds; Supervised play.
Refer from Athletic fields; Character education; Community-center activities; Extra-curricular activities; Play; Sociology, Educational; (s): Recreation centers.
—Equipment.
See also Apparatus—Physical education.
—Public schools.
(Include size)
Refer from Building sites—Public schools; Grounds—Public schools; Health—Students—Public schools; Health supervision—Public schools.
—Rural schools.
Refer from (s): Rural-school playgrounds.

Playgrounds, City. *See* Public playgrounds.

Playrooms. *(U)*
—Public schools.
(Include designs, construction, finish, and equipment)
Refer from Architecture, School; Gymnasiums—Public schools; Health supervision—Public schools.

Plays. *(U)*
(Include individual plays and collections of plays for students; also works about such plays)
See also Children's plays; Christmas plays.
Refer from Dramatic education.
—Elementary schools.
See also Children's plays.
Refer from Dramatics — Elementary schools; (s): School drama; School plays.
—High schools.
Refer from Dramatics — High schools; (s): High-school plays; School drama; School plays.
—Universities and colleges.
Refer from Dramatics—Universities and colleges; (s): College drama; College plays; Drama, Academic; University drama.

Pleasure.
Refer from Education—Aims and objectives; Feelings; Hedonism.

Plenum fan systems.
Refer from Ventilation—School buildings; (s): Fan systems of ventilation.

Plumbing.
Refer from Bathing facilities — School buildings; Drinking facilities — School buildings; Swimming pools — Public schools; Toilet facilities—School buildings; Washing facilities—School buildings.

Pluralism.
(Philosophical connotations)
Refer from Education—Theories and principles; Empiricism; Materialism; Monism; Philosophy.

Poems for memorization.
Refer from Memory work.

Poetry. *(S, U)*
See also Children's poetry; Christmas poetry.
Refer from Literature.
—Appreciation and interpretation.
Refer from Appreciation; Literature—Appreciation and interpretation.
—Dramatization.

Point scores. *See* Test scores.

Point systems.
(Used in connection with the rating of college students in academic work)
Refer from Credits and credit systems; Marking systems; Rules and regulations —Universities and colleges; (s): Honor points and credits.

Point systems (extra-curricular activities)
Refer from Extra-curricular activities—Administration.

Poliomyelitis. *See* Infantile paralysis.

Political economy. *See* Economics.

Political geography. *See* Commercial geography.

Political science. *(S, U)*
Refer from Social sciences; (s): Government (school subject); Science, Political.

Politics and boards of education. *See* Boards of education and politics.

Politics and education.
See also Boards of education and politics; Students and politics; Teachers and politics.
Refer from Administration — Public schools; (s): Education and politics.

Ponies (translations)
Refer from Cheating; Foreign languages; Translation; (s): Interlinear texts.

Pons. *See* Brain.

Poor children — Education. *See* Dependent children—Education.

Poor-law schools.
(Include such phases as: boarding-out system, cottage homes, receiving homes, children in workhouses, infirmaries, etc.)
Refer from Dependent children—Education; Education — England — Medieval period; Schools.

Population movements.
Refer from Building programs—Public schools; Population studies.

Population studies. *(G)*
(Include size, character, density, and distribution of population; total population, school population, and rate of growth)
See also Nationality surveys; Population movements.
Refer from Building programs—Public schools; Building sites; Social psychology; Surveys—Public schools.

Port Royalists—Educational work.
Refer from Monasticism and education; Reformation, The, and education; (s): Jansenists—Educational work.

Portable buildings. *(U)*
Refer from (s): Buildings, Portable.
—Public schools.
Refer from Architecture, School.

Portland plan.
Refer from Parallel courses; Promotions —Students—Elementary schools.

Positivism.
See also Idealism; Materialism; Phenomenalism; Pragmatism; Realism.

Positivism—*(Continued)*
Refer from Education—Theories and principles; Philosophy.

Poster designing. *(S, U)*
Refer from Commercial art; Commercial education.

Posters.
(Include construction and uses)
Refer from Health publicity; Publicity—Public schools; Teaching—Aids and devices; Visual aids; (s): Placards.

Postgraduate students. *See* Graduate students.

Posture.
(Include training)
See also Desks and seats; Spinal curvature.
Refer from Drawing—Hygiene; Health education; Health supervision; Hygiene, Personal; Physical education; Reading—Hygiene; (s): Seating.

Pottery. *(S, U)*
See also Clay-modeling.
Refer from Arts and crafts; Ceramic education.

Poultry husbandry. *(S, U)*
Refer from Animal husbandry.

Power plants. *(U)*
—Public schools.
Refer from Architecture, School; Heating—School buildings.

Power tests. *(T)*
Refer from Achievement tests; Tests and scales; (s): Difficulty tests.

Practical and cultural educations. *See* Liberal and vocational educations.

Practical-arts education. *(G)*
(A type of general education, i.e. an education non-vocational in character)
See also Agricultural arts; Arts and crafts; Commercial arts; Continuation schools; Handwork; Household arts; Industrial arts; Manual arts; Manual training; Mechanic arts; Sloyd.
Refer from Education; Industrial education; Prevocational education.

Practice.
(Motor activity, the purpose of which is perfection and freedom from control of consciousness)
See also Cross education; Length of practice periods; Practice effects; Repetition; *also* Practice used as a school-subject subdivision *(S)* e.g. Drawing—Practice.
Refer from Habit; Learning; Memorizing; Teaching—Types.

Practice, Transfer of. *See* Cross education.

Practice curves. *See* Curves of learning.

Practice effects.
Refer from Habit; Practice; Psychology—Research; Reactions.

Practice effects in testing.
Refer from Retesting; Tests and scales.

Practice houses. *See* Home-economics cottages.

Practice materials.
See also Practice tests; *also* Practice materials used as a school-subject subdivision *(S)* e.g. Arithmetic—Practice materials.
Refer from Teaching—Aids and devices.

Practice periods, Length of. *See* Length of practice periods.

Practice schools. *(G, U)*
(Schools maintained for the purpose of providing opportunities for schoolroom management and teaching)
See also Observation schools; Rural practice schools.
Refer from Laboratory schools; Normal schools and teachers colleges; Practice teaching; Schools; Teacher training.

Practice teachers. *See* Student-teachers.

Practice teaching.
See also Critic teachers; Demonstration lessons; Lesson plans; Observation of teaching; Practice schools; Student-teachers.
Refer from Teacher training; Teaching.

Practice tests. *(T)*
See also names of specific tests, e.g. Courtis standard practice tests in arithmetic. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Achievement tests; Practice materials; Tests and scales.

Pragmatism.
See also Concepts and conception; Control; Empiricism; Experience; Knowledge; Stimulus and response; Theory and practice.
Refer from Education—Theories and principles; Philosophy; Positivism; Purposive psychology.

Praise as incentive. *See* Incentives.

Precocious children. *See* Mentally superior.

Precocity.
See also Mentally superior.

Prediction. *See* Prognosis.

Predisposition.
See also Innate ideas; Temperament.
Refer from Heredity; Mental development.

Prefects and the prefect system.
(English system of self-government in schools)
See also Fags and fagging; Monitorial systems.
Refer from Student self-government.

Preferential studies. *See* Curricula — Constants.

Prelection. *See* Lecture method.

Premises, School. *See* Grounds — Public schools.

Preparation (recitation)
(First step in the formal method of the recitation)
Refer from Recitation, Method of; (s): Analysis (recitation)

Preparatory schools. *(G)*
(Prepare for higher education)
See also names of particular schools. N. B. Names of schools are not included in this List. Insert when needed.
Refer from Academies; Private schools; Schools; (s): College preparatory departments; Fitting schools.

Preprimary group. *See* Preschool children.

Preprofessional education.
See also names of special types of preprofessional courses, e.g. Premedical courses. N. B. Names of courses are not included in this List. Insert when needed.
Refer from Curricula—Universities and colleges; Education; Professional education.

Prepubescence. *See* Adolescence.

Presbyterian church in the U. S. A.—Educational work.
(If preferred, the various branches of this denomi-

Presbyterian church in the U. S. A.—Educational work—*(Continued)*
(nation may receive separate treatment)
See also Schools of religion, University; Theological seminaries and schools; Universities and colleges, Denominational.
Refer from Church education.

Preschool children.
Refer from Children; Preschool education; (s): Preprimary group; Subprimary group.

Preschool education. *(G)*
See also Character education; Child guidance; Child psychology; Child study; Health habits; Imitation; Kindergarten education; Nursery rhymes; Nursery schools; Play; Preschool children; Primitive peoples—Education; Self-activity; Trial and error method; Twenty-four-hour-day schools.
Refer from Education; Elementary education; Home, The, and education; (s): Children—Education; Education of children; Infant education.

—Theories and principles.
See also Acquired characteristics.

Prescribed studies. *See* Curricula—Constants.

Presentation (recitation)
(Second step in the formal method of the recitation)
Refer from Recitation, Method of.

Presidents. *(U)*
See also Presidents used as a personnel subdivision *(P)* e.g. Inaugurations—Presidents.
Refer from (s): Administrators, Educational.

—Normal schools and teachers colleges. *(G)*
Refer from Administration — Normal schools and teachers colleges; (s): Normal schools and teachers colleges — Presidents.

—Universities and colleges. *(G)*
Refer from Administration—Universities and colleges; (s): Chancellors; College presidents.

Press, Freedom of. *See* Freedom of press.

Press, The, and education.
(Educational function of the press as an institution)
See also Books and reading; Freedom of press; Publications.
Refer from Publicity; Sociology, Educational; (s): Education and the press.

Pressure. *See* Tactual sensations.

Prevention of disease. *See* Disease prevention.

Preventive medicine. *See* Disease prevention.

Prevocational education. *(G)*
(Participating experience in a number of occupations prior to a vocational-education course; a type of vocational guidance; include the Ettinger plan, Pittsburgh plan, Gary plan, Russell-Bonser plan, etc.)
See also Practical-arts education; Try-out courses.
Refer from Intermediate education; Vocational education; Vocational guidance.

Primary departments—Sunday schools. *See* Sunday schools—Primary departments.

Primary education. *(G)*
See also Busy work; Cardboard construction; Child-directed education; Clay-modeling; Dame schools; Kindergarten extension; Object teaching; Paper work; Petty schools; Primary grades; Story-telling.
Refer from Education; Elementary educa-

Primary education—*(Continued)*
tion; Kindergarten-primary education; Piarists—Educational work; (s): Children—Education; Education of children.

Primary grades.
(Usually includes the lower three grades of the elementary school, sometimes the lower four)
See also First grades; Kindergarten and first grade; Second grades; Third grades; *also* Primary grades used as a unit-of-school-organization subdivision *(U)* e.g. Handwork—Primary grades.
Refer from Elementary schools; Primary education.

Primary handwork. *See* Handwork—Primary grades.

Primary rooms.
(Include plans, construction, and equipment)
See also Sand tables.

Primary seatwork. *See* Seatwork—Primary grades.

Primers.
Refer from Readers; (s): Reading—Textbooks.

Primitive peoples—Education.
See also Character education; Games; Imitation; Indians in the U. S.—Education; Magic; Self-activity.
Refer from Education—History; Home, The, and education; Preschool education; Social psychology; Sociology, Educational.

Princes—Education.
Refer from Aristocrats—Education; (s): Courtly education; Education of princes.

Principals. *(U)*
(Include their activities)
See also Assistant principals; Supervising principals; *also* Principals used as a personnel subdivision *(P)* e.g. Tenure—Principals—High schools.
Refer from Administration—City schools; (s): Administrators, Educational; Building principals.
—Elementary schools.
Refer from (s): Elementary-school principals.
—High schools.
Refer from (s): High-school principals.
—Conferences and conventions.

Principals and city superintendents. *See* City superintendents and principals.

Principals and supervisors.
Refer from (s): Supervisors and principals.

Principals and teachers.
Refer from (s): Teachers and principals.

Principles and theories. *See* Theories and principles used as a form subdivision *(F)* e.g. Teaching—Theories and principles.

Print-script. *See* Manuscript writing.

Print-writing. *See* Manuscript writing.

Printing. *(S, U)*
See also Blind—Printing and writing systems; Wood-block printing.
Refer from Industrial education; Journalism; Student publications.
—High schools.
—History.
Refer from Renaissance, The, and education.

Prison schools. *(G)*
Refer from Criminals—Education; Institutional schools; Reformatory education; Schools.

Private schools. *(G)*
See also Academies; Adventure schools; Art schools; Boarding schools; Boys' schools; Business colleges; Church schools; Country day schools; Dame schools; Day schools; Experimental schools; Finishing schools; Girls' schools; Industrial schools; Kindergartens; Mentally deficient—Schools and institutions; Military schools and academies; Music schools and conservatories; Parochial schools; Preparatory schools; Taxation, Exemption from; *also* Private schools used as a unit-of-school-organization subdivision *(U)* e.g. Student publications—Private schools.
Refer from Attendance departments—Public schools; Elementary schools; High schools; Higher education; State administration—Public schools; Women—Education; (s): Independent schools; Secular schools.

Private teachers. *See* Governesses; Tutors and tutoring.

Privies, School.
Refer from Rural schools; Toilet facilities—School buildings.

Prizes and awards. *See* Rewards and prizes.

Probable error.
(P. E.)
See also Median deviation.
Refer from Coefficients of correlation; Errors of measurement; Mean deviation; Standard deviation; Statistical methods; Tests and scales—Reliability.

Probation. *(P)*
—Students. *(U)*
Refer from Classroom management; Punishments and penalties.
—Teachers. *(U)*

Probationary promotions. *See* Promotions, Probationary.

Probationary teachers.
Refer from Probationary year; Teachers.

Probationary year.
See also Probationary teachers.
Refer from Teachers—Selection and appointment.

Problem children. *See* Delinquent children; Unstable children.

Problem method.
See also Project method.
Refer from Research, Educational; Teaching—Methods and technique.

Problem solving (in general) *See* Reason and reasoning; Trial and error method.

Problem solving (mathematics)
Refer from Arithmetic; Mathematics; (s): Arithmetic—Problem solving.

Problems, exercises, etc. *See* Problems, exercises, etc. used as a school-subject subdivision *(S)* e.g. Arithmetic—Problems, exercises, etc.

Procedure after testing.
See also Remedial instruction; Tests and scales—Reliability; Tests and scales—Scoring; Tests and scales—Standardization; Tests and scales—Validity; Tests and scales—Weighting.
Refer from Tests and scales.

Prodigy, Mental. *See* Special abilities.

Profanity.
Refer from Classroom management; Moral language.

Profession, Choice of. *See* Vocational guidance.

Professional books and reading (education)
See also Reading circles—Teachers.
Refer from Books and reading; Libraries, Educational; Professional growth (education); Reading; Teacher training in service; (s): Professional reading (education); Reading, Professional.

Professional education. *(G)*
See also Architectural education; Dental education; Engineering education; Greek letter societies (professional); Legal education; Library training; Medical education; Nursing education; Pharmaceutical education; Preprofessional education; Secretarial education; Teacher training; Theological education.
Refer from Education; Higher education; Vocational education.

Professional ethics (education)
See also Codes of ethics—Teachers.
Refer from Ethics and education; Teaching as a profession; (s): Ethics of teaching; Teachers' ethics.

Professional fraternities. *See* Greek letter societies (professional)

Professional growth (education)
See also Associations, Educational; Conferences and conventions, Educational; Professional books and reading (education); Publications; Research work; Teacher training in service.
Refer from (s): Growth, Professional.

Professional libraries (education) *See* Libraries, Educational.

Professional reading (education) *See* Professional books and reading (education)

Professional status. *(P)*
—Teachers. *(G, U)*
Refer from (s): Teachers—Professional status.

Professional tests. *(T)*
Refer from Tests and scales; Vocational tests.

Professionalization of subject-matter.
See also Professionalization used as a school-subject subdivision *(S)* e.g. Social sciences—Professionalization.
Refer from Teacher training; (s): Subject-matter, Professionalization of.

Professors. *See* Teachers—Normal schools and teachers colleges; Teachers—Universities and colleges.

Professors, Interchange of. *See* Interchange—Teachers—Universities and colleges.

Prognosis.
See also Correlation; Prognosis tests.
Refer from (s): Prediction.

Prognosis tests. *(T)*
See also Aptitude tests; Intelligence tests; Occupational tests; Reading—Tests and scales; *also* names of specific tests, e.g. Handschin predetermination tests for foreign languages. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Education—Aims and objectives — Ascertainment; Educational guidance; Placement examinations; Prognosis; Tests and scales; Vocational guidance; (s): Ability tests; Prognostic tests.

Prognostic tests. *See* Prognosis tests.

Programs.
See also Programs used as a school-subject subdivision *(S)* e.g. Reading—Programs.
Refer from Conferences and conventions, Educational.

Programs, Daily. *See* Daily programs and time schedules.

Programs of celebrations. *See* Festivals; Special days; Special weeks.

Programs of studies. *(U)*
(Total number of subjects offered in any school)
See also Courses of study; Curricula; Daily programs and time schedules; Room schedules.
Refer from Surveys.
—Public schools.
Refer from Administration — Public schools; Architecture, School; Surveys —Public schools.

Progress, Student. *See* Student progress.

Progressive education. *See* Experimental schools.

Project curricula.
Refer from Curricula; Project method.

Project method.
See also Project curricula; Projects.
Refer from Character education—Methods of instruction; Problem method; Teaching—Methods and technique.

Projection lanterns. *See* Stereopticons.

Projectoscopes. *See* Stereopticons.

Projects.
See also Projects used as a school-subject subdivision *(S)* e.g. Geography—Projects.
Refer from Project method.

Projects, Agricultural. *See* Home projects.

Promotional examinations.
(Test the professional growth of teachers; assist in the determination of salary)
Refer from Promotions—Teachers—Public schools; Teacher training in service; Teachers—Selection and appointment; Teachers' examinations; (s): Examinations, Promotional (teachers)

Promotions. *(P)*
—Students. *(U)*
(Promotions by grades or classes; include annual, semi-annual, and double promotions, also flexible promotions)
See also Acceleration—Students; Accomplishment ratio; Achievement tests—Uses; After-school classes; Age; Attendance — Students; Examinations — Uses; Failures—Students; Intelligence tests—Uses; Marks — Students — Uses; Mental age; Promotions, Probationary; Promotions by subject; Recitations.
Refer from Administration — Public schools; Age-grade-progress; Classification—Students; Incentives; Individual differences—Adjustments; Rewards and prizes; Student accounting; Student progress; Supervision of teaching; Surveys; (s): Flexible promotions; Semi-annual promotion plan; Skipping of grades.
—Elementary schools. *(G)*
See also Batavia plan; Cambridge plan; Mannheim plan; Portland plan; Promotions by teachers; Pueblo plan; Santa Barbara plan.

Promotions—*(Continued)*

—Teachers. *(U)*

(Include promotions by transfer and by class advancement; also fortuitous as well as meritorious and automatic promotions)

See also Teacher training in service.

Refer from Merit systems — Teachers; Salaries—Teachers; Salary schedules; Supervision of teaching; Teacher accounting; (s): Teachers—Promotions.

—Public schools. *(G)*

See also Certification—Teachers; Promotional examinations.

Promotions, Probationary.

Refer from Promotions—Students; (s): Conditional promotions; Probationary promotions.

Promotions by subject.

Refer from Individual differences—Adjustments—Public schools; Intermediate education; Mentally superior—Education; Promotions—Students; (s): Subject promotions.

Promotions by teachers.

(Where teachers advance grade by grade with their students)

Refer from Promotions—Students—Elementary schools.

Promptings by students.

Refer from Classroom management; Honesty.

Pronunciation. *See* Pronunciation used as a subdivision under names of languages, e.g. English language—Pronunciation.

Proof.

Refer from Deduction; Scientific methods; (s): Demonstration.

Proof of age. *See* Age.

Proofreading. *(S, U)*

Refer from Commercial education.

Propaganda, Educational.

(Publicity for educational ideas and movements which are radical and not generally accepted)

Refer from Publicity.

Property—Valuation. *See* Appraisal—Plants.

Prosody.

Refer from Versification.

Prospectuses. *(U)*

Refer from Publicity.

Protestant Episcopal church — Educational work.

See also Schools of religion, University; Theological seminaries and schools; Universities and colleges, Denominational.

Refer from Church education; (s): Episcopal church—Educational work.

Provision for individual differences. *See* Individual differences—Adjustments.

Psychanalysis. *See* Psychoanalysis.

Psychasthenia.

See also Abulia; Habit spasms; Mania and manias; Obsessions; Phobia and phobias; Sex anomalies.

Refer from Nervous system—Diseases; Psychoneuroses; Psychoses; Psychotherapy.

Psychiatric clinics. *See* Psychological clinics.

Psychiatry.

(The treatment and study of mental diseases)

See also Insanity and insanities; Mania and manias; Manic-depressive insanity; Melancholia; Obsessions; Pathological method; Psychoanalysis; Psychoses.

Refer from Psychology; Psychopathology.

Psychical research.
See also Hypnosis; Magic; Mind reading; Spiritualism; Subconscious mind; Telepathy.
Refer from Psychology; (s): Subliminal self.

Psychoanalysis.
See also Association.
Refer from Abnormal psychology; Character diagnosis; Dreams and dream states; Epilepsy; Psychiatry; Psychopathic children; Psychoses; Psychotherapy; Purposive psychology; Subconscious mind; (s): Psychanalysis.

Psychological age. *See* Mental age.

Psychological apparatus.
See also names of specific psychological instruments. N. B. Names of psychological instruments are not included in this List. Insert when needed.
Refer from Apparatus, Scientific; Psychological laboratories—Equipment and supplies.

Psychological clinics. *(U)*
See also Case studies; Child-guidance clinics.
Refer from Clinical psychology; Clinics; Delinquent children; Juvenile research bureaus; Psychological laboratories; Psychopathic children; Psychoses; (s): Psychiatric clinics.

Psychological effects of music. *See* Music—Psychological effects.

Psychological laboratories.
(Include designs, plans, and construction)
See also Psychological clinics.
Refer from Experimental psychology; Laboratories; Psychology.

—Equipment and supplies.
See also Psychological apparatus.

Psychological research. *See* Psychology—Research.

Psychological tests.
(Use limited in this List to mean tests which measure special mental functions such as association, attention, imagination, feeling, memory, etc.; Mental tests supplies the heading for the broader meaning)
See also Alternate response tests; Association tests; Auditory discrimination; Coordination tests; Endurance tests; Imagery tests; Motor-control tests; Motor-memory tests; Nonsense syllables; Perceptual capacity tests; Personal equation; Puzzles, Psychological; Reaction-time tests; Sensory capacity tests; Tapping tests.
Refer from Experimental psychology; Psychology; Psychopathology; Psychophysics; Tests and scales.

Psychological theories. *See* Psychological theories used as a biographical subdivision *(B)* e.g. James, William—Psychological theories. N. B. Names of persons are not included in this List. Insert when needed.

Psychologists. *(G, U)*
See also names of individual psychologists. N. B. Names of persons are not included in this List. Insert when needed. Consult Codes and Subdivisions for code *(B)*
Refer from Education—Biography.

—Public schools.

Psychology. *(S, U)*
See also Abnormal psychology; Animal psychology; Anthropology; Applied psy-

Psychology—*(Continued)*
chology; Attention; Attitudes; Behavior; Behaviorism; Biology; Characterology; Child psychology; Clinical psychology; Comparative psychology; Consciousness; Dynamic psychology; Emotions; Ethnopsychology; Evolution; Experimental psychology; Faculty psychology; Feelings; Functional psychology; Genetic psychology; Gestalt psychology; Habit; Images and imagery; Industrial psychology; Instincts; Interest; Introspective psychology; Judgment; Learning; Logic; Memory; Mind; Mind and body; Nervous system; Percepts and perception; Personality; Physiological psychology; Psychiatry; Psychical research; Psychological laboratories; Psychological tests; Psychology, Educational; Psychopathology; Psychophysics; Purposive psychology; Reacting mechanisms; Reaction psychology; Reason and reasoning; Religion, Psychology of; Self; Sense organs; Senses and sensation; Skill; Sleep; Social psychology; Stream of consciousness; Structural psychology; Thought and thinking; Will; *also* Psychology used as a school-subject subdivision *(S)* e.g. Handwriting—Psychology.

Refer from Metaphysics; (s): Mental philosophy; Science, Mental.

—History.

See also Faculty psychology; Magic.

—Research.

See also Experimental methods; Genetic method; Introspection; Practice effects; Statistical methods.

Refer from (s): Psychological research.

Psychology, Abnormal. *See* Abnormal psychology.

Psychology, Animal. *See* Animal psychology.

Psychology, Child. *See* Child psychology.

Psychology, Clinical. *See* Clinical psychology.

Psychology, Comparative. *See* Comparative psychology.

Psychology, Educational.

See also Abnormal psychology; Adolescence; Anthropology; Attention; Character; Child psychology; Correlation of abilities; Cross education; Differential psychology; Docility; Emotions; Experimental psychology; Forgetting; Genetic psychology; Imitation; Individual differences; Instincts; Intelligence; Intelligence tests; Interest; Learning; Memory; Mental development; Mental discipline; Mind and body; Observation; Original nature; Personality; Plasticity; Play; Racial differences; Reason and reasoning; Self-activity; Sense training; Sex differences; Social psychology; Special abilities; Suggestion; Teaching—Psychology; Transfer of training; Will—Education; *also* Psychology used as a school-subject subdivision *(S)* e.g. Reading—Psychology.

Refer from Applied psychology; Education—Theories and principles; Psychology; Teaching; (s): Educational psychology.

—Outlines, syllabi, etc.

Psychology, Empirical. *See* Experimental psychology.

Psychology, Experimental. *See* Experimental psychology.

Psychology, Faculty. *See* Faculty psychology.

Psychology, Folk. *See* Ethnopsychology.

Psychology, Functional. *See* Functional psychology.

Psychology, Genetic. *See* Genetic psychology.

Psychology, Industrial. *See* Industrial psychology.

Psychology, Introspective. *See* Introspective psychology.

Psychology, Pathological. *See* Psychopathology.

Psychology, Physiological. *See* Physiological psychology.

Psychology, Race. *See* Ethnopsychology.

Psychology, Social. *See* Social psychology.

Psychology, Structural. *See* Structural psychology.

Psychology of children. *See* Child psychology.

Psychology of school subjects. *See* Psychology used as a school-subject subdivision *(S)* e.g. Reading—Psychology.

Psychometry. *See* Intelligence tests.

Psychoneuroses.
(Functional nervous and mental disorders)
See also Epilepsy; Hysteria; Neurasthenia; Paresis; Phobia and phobias; Psychasthenia; Psychoses.
Refer from Diseases and defects—Students; Nervous system—Diseases; Neurotic children; Retardation, Mental; (s): Neuroses.

Psychopathic children.
(Have congenital or constitutional inability of mind to function harmoniously; emotionally inadequate)
See also Nomadism; Psychoanalysis; Psychological clinics; Sex anomalies.
Refer from Children; Psychopathology; Unstable children; (s): Moral defectives; Moral deviates; Peculiar children; Psychopathy; Queer children.

Psychopathology.
See also Abnormal psychology; Mental hygiene; Moral insanity; Psychiatry; Psychological tests; Psychopathic children; Psychoses; Psychotherapy; Simulation.
Refer from Clinical psychology; Experimental psychology; Psychology; (s): Mental pathology; Morbid psychology; Pathological psychology; Psychology, Pathological.

Psychopathy. *See* Psychopathic children.

Psychophysics.
(Science of the functional relations between the physical and psychical world)
See also Limen; Physiological psychology; Psychological tests; Senses and sensation.
Refer from Experimental psychology; Psychology; Purposive psychology; Reaction psychology.

Psychophysiology. *See* Physiological psychology.

Psychoses.
(Functional mental disorders)
See also Delirium; Delusions; Dual personality; Epilepsy; Fixed ideas; Hallucinations; Hysteria; Illusions; Insanity and insanities; Intoxication; Mania and manias; Manic-depressive insanity; Megalomania; Melancholia; Obsessions; Paranoia; Psychasthenia; Psychoanalysis; Psychological clinics; Stupor; Will—Diseases.

Psychoses—*(Continued)*
Refer from Diseases and defects—Students; Nervous system—Diseases; Psychiatry; Psychoneuroses; Psychopathology; (s): Brain diseases; Derangement, Mental; Mental defects; Mental derangement; Mental diseases; Mind—Diseases.

Psychotherapy.
See also Hypnosis; Hysteria; Mental hygiene; Mind and body; Obsessions; Phobia and phobias; Psychasthenia; Psychoanalysis; Subconscious mind; Suggestion.
Refer from Psychopathology; (s): Mental healing.

Psychotics. *See* Insanity and insanities.

Puberty. *See* Adolescence.

Public libraries and schools.
See also Branch libraries—Public schools; Children's libraries; Traveling libraries.
Refer from Libraries; Libraries—Public schools; (s): Schools and public libraries.

Public playgrounds. *(G)*
Refer from Playgrounds; Women's clubs—Educational work; (s): Playgrounds, City.

Public-school teachers. *See* Teachers—Public schools.

Public schools. *(G)*
(Elementary and secondary schools controlled or financed by state or local government; in Europe, England excepted, the higher schools which prepare for the universities, e.g. gymnasium, lycées, etc.)
See also Elementary schools; Free schools; High schools; Junior high schools; *also* Public schools used as a unit-of-school-organization subdivision *(U)* e.g. Teachers—Public schools.
Refer from Schools; (s): Secular schools.

—Criticisms. *See* Criticisms — Public schools.

Public schools (elementary)—England.

Public schools (endowed)—England.
Refer from Boarding schools.

Public schools and religion. *See* Bible reading—Public schools; Religious education—Public schools; Week-day religious education.

Public-service education. *(G)*
See also Civil-service education; Diplomatic and consular-service education.
Refer from Education; Vocational education.

Public speaking. *(S, U)*
See also Debates and debating; Elocution; Oral composition; Orations and oratory.
Refer from Commercial education; Speech education; (s): Declamation; Extemporaneous speaking; Oral expression; Speaking.

Public welfare-work training. *See* Welfare-work training.

Publication of textbooks. *See* Textbooks—Publication.

Publications. *(U)*
See also Bulletins; Faculty publications; Manuals and handbooks; Newspapers and periodicals; Student publications.
Refer from Journalism; Press, The, and education; Professional growth (education)

—Public schools.
See also Manuals and handbooks—Public

Publications—Public schools—*(Continued)*
schools.
—Universities and colleges.
See also Bulletins—Universities and colleges; Catalogs—Universities and colleges; Reports—Universities and colleges; University presses.

Publicity. *(U)*
See also Continuous publicity; Financial publicity; Graphic methods; Health publicity; Platform, The, and education; Press, The, and education; Propaganda, Educational; Prospectuses; Publicity campaigns; Reports.
Refer from Applied psychology; Social psychology; (s): Educational advertising.
—Public schools.
See also Back-to-the-school movement; Bulletin boards; Continuous publicity—Public schools; Educational measurements—Public schools; Exhibits—Public schools; Financial publicity—Public schools; Posters; Publicity campaigns—Public schools; Reports—Public schools; Stay-in-school drives.
Refer from Administration — Public schools; Business administration—Public schools; Community and school; (s): Advertising, School.
—Rural schools.
See also Consolidation of schools.
—Universities and colleges.
(The appeal for higher education; also the attempt to increase student attendance at specific institutions)
See also Booster clubs; Endowment drives; High-school week.
Refer from (s): College advertising.

Publicity campaigns. *(U)*
Refer from Publicity.
—Public schools. *(G)*
See also Bond publicity campaigns—Public schools; Stay-in-school drives.
Refer from Publicity—Public schools; (s): Campaign publicity — Public schools.

Pueblo plan.
Refer from Individual instruction; Promotions—Students—Elementary grades.

Pulse-rate tests.
Refer from Physical tests.

Punctuality—Students. *See* Tardiness—Students.

Punctuation. *See* Punctuation used as a subdivision under names of languages, e.g. English language—Punctuation.

Punishment, Corporal. *See* Corporal punishment.

Punishments and penalties.
(Include deprivation of privileges, disgrace, detention, etc.; also nature and function)
See also After-school classes; Corporal punishment; Disciplinary classes; Expulsions and dismissals — Students; Fines; Probation — Students; Suspensions and reinstatements—Students.
Refer from Classroom management; Crime and education; Discipline, School; Hygiene of instruction; Incentives; Reformatory education; Student life; (s): Confinement as punishment; Detention as punishment; Penalties; Penalty schedules; Ridicule; Sarcasm; Tasks as punishments.

Pupil accounting. *See* Student accounting—Elementary schools.

Pupil self-government. *See* Student self-government—Elementary schools.

Pupil-teachers. *See* Student-teachers.

Pupils. *See* Students—Elementary schools.

Purchase orders. *See* Requisitions.

Purchased and forged degrees. *See* Degrees, Academic—Purchased and forged.

Purchasing agents. *(U)*
Refer from Buying methods; Purchasing departments.

—Public schools.
Refer from Business administration—Public schools.

Purchasing departments. *(U)*
See also Purchasing agents.

Puritanism and education.
See also Education — U. S. — Colonial period.
Refer from Education—Europe—17th century; Education—Theories and principles.

Purposes of education. *See* Education—Aims and objectives.

Purposive psychology.
See also Abnormal psychology; Animal intelligence; Behavior; Consciousness; Interactionism; Introspection; Introspective psychology; Mind and body; Monism; Parallelism, Psychophysical; Personality; Pragmatism; Psychoanalysis; Psychophysics; Reflexes; Self; Will.
Refer from Psychology.

Puzzles, Psychological.
See also Maze tests; Performance tests.
Refer from Animal psychology; Behavior; Child psychology; Experimental psychology; Intelligence tests; Interest; Learning; Psychological tests; Thought and thinking; Transfer of training.

Q

Quadrivium.
See also Arithmetic; Astronomy; Geometry.
Refer from Liberal arts.

Quakers—Educational work. *See* Friends, Society of—Educational work.

Qualifications of teachers. *See* Teachers—Qualifications.

Qualitative chemistry. *See* Analytic chemistry.

Quality.
Refer from Senses and sensation.

Quality tests. *(T)*
Refer from Achievement tests; Tests and scales; (s): Accuracy tests.

Quantitative chemistry. *See* Analytic chemistry.

Quarantine.
See also Communicable diseases; Disinfection and disinfectants.
Refer from Exclusion from school.

Quarter and semester plans.
See also Four-quarter plan.
Refer from Administration—Universities and colleges; (s): Semester and quarter plans.

Quartile deviation. *See* Semi-interquartile range.

Quartiles.
(Include computation, points, ranks, scores, and uses)
See also Percentiles.
Refer from Central tendency, Measures of.

—Graphic representations.
Refer from Graphic methods.

Queer children. *See* Neurotic children; Psychopathic children.

Question and answer method.
See also Catechetical method; Questioning, Art of.
Refer from Direct method (foreign languages); Recitations; Teaching—Methods and technique.

Questioning, Art of.
See also Attention; Interest.
Refer from Question and answer method.

Questionnaires.
See also Statistical methods.
Refer from Courses of study—Construction; Research, Educational.

Questions. *See* Examinations, questions, etc. used as a school-subject subdivision *(S)* e.g. History—Examinations, questions, etc.

Quincy plan.
See also Correlation of school subjects; Excursions—Public schools.

Quizzes. *See* Examinations.

R

Race coeducation. *See* Coeducation (race)

Race differences. *See* Racial differences.

Race improvement. *See* Eugenics.

Race psychology. *See* Ethnopsychology.

Race segregation in education. *(U)*
See also Negro schools and colleges.
Refer from Coeducation (race); (s): Segregation of races in education; Separation of races in education.

Rachitis. *See* Rickets.

Racial differences.
See also Negroes and Whites.
Refer from Differential psychology; Ethnopsychology; Individual differences; Psychology, Educational; (s): Race differences.

Radio. *(S, U)*

Radio broadcasting. *(U)*
See also Radio teaching.
Refer from Adult education; Aural aids; Electrical engineering; Leisure; (s): Broadcasting, Radio.
—Universities and colleges.

Radio classes. *See* Radio teaching.

Radio teaching. *(U)*
Refer from Radio broadcasting; Teaching—Methods and technique; (s): Radio classes; Wireless classes.
—Public schools.
—Universities and colleges.
Refer from Teaching—Universities and colleges; University extension.

Raffia work. *See* Reed and raffia work.

Ragged schools.
(Schools established in the British Isles for waifs, strays, and destitute children)
Refer from Education — England — History; Orphans—Education; Pietism and education.

Random sampling.
Refer from Errors of measurement; Statistical methods; Test scores; Tests and scales—Norms; Tests and scales—Reliability; (s): Sampling.

Range.
See also Semi-interquartile range.
Refer from Variability and dispersion, Measures of.

Ranger schools.
Refer from Forest schools; Forestry education; Schools.

Rapid promotion. *See* Acceleration—Students.

Rate of learning. *See* Curves of learning.

Rate tests. *(T)*
Refer from Achievement tests; Tests and scales; (s): Amount tests; Speed tests; Time tests.

Rating. *See* Marking systems; Teacher rating; *also* Rating used as a subdivision under special subjects, e.g. Buildings—Rating.

Rating scales. *See* Score cards.

Rationalism.
See also Knowledge; Realism.
Refer from Education—Europe—17th century; Education—Theories and principles; Enlightenment and education; Philosophy.

Rationalization.
(Complete blindness to all evidence except what furthers one's own side of the case)
See also Dissociation.
Refer from Instincts; Reason and reasoning.

Reacting mechanisms.
See also Brain; Glands, Ductless; Muscles.
Refer from Conditioned responses; Psychology; Stimulus and response.

Reaction psychology.
See also Animal behavior; Behavior; Consciousness; Experimental psychology; Heredity; Instincts; Integration; Motor processes; Objective method; Observation; Patterns (psychology); Psychophysics; Reactions; Reflexes; Social psychology; Stimulus and response; Thought and thinking.
Refer from Physiological psychology; Psychology.

Reaction-time.
See also Personal equation; Reaction-time tests.
Refer from Experimental psychology; (s): Time, Reaction.

Reaction-time tests.
Refer from Psychological tests; Reaction-time.

Reactions.
See also Aphasia and aphasias; Association; Capacities; Conditioned responses; Emotions; Facilitation; Habit; Inhibition; Instincts; Integration; Learned responses; Nerve impulses; Percepts and perception; Plasticity; Practice effects; Reflexes; Senses and sensation.
Refer from Behavior; Experimental psychology; Motor processes; Reaction psychology; Recognition; Stimulus and response; Subconscious mind; Thought and thinking; (s): Multiple responses; Responses.

Readers.
See also Geographical readers; Historical readers; Nature readers; Primers; Reading—Teachers' manuals.
Refer from (s): Basal readers; Foundation readers; Method readers; Nonmethod readers; Reading—Textbooks.

Reading. *(S, U)*
See also Books and reading; Children's literature and reading; Comprehension in reading; Libraries; Oral reading; Professional books and reading (education); Reading preferences; Recreational reading; Required reading; Silent reading; Supplementary reading; Touch reading; *also* Reading used as a school-subject subdivision *(S)* e.g. Arithmetic—Reading.
Refer from English language; Formal subjects; Fundamentals; Language and languages; Spelling—Teaching—Methods and technique; Three R's; (s): English.
—Appreciation. *See* Literature—Appreciation and interpretation.

Reading—*(Continued)*
—Diagnosis.
—Habits and skills.
—Hygiene.
See also Desks and seats; Lighting—School buildings; Posture; Textbooks.
—Instructional materials.
—Motivation.
—Primary grades.
—Psychology.
(Include rate)
See also Analysis and synthesis; Coordination; Eye movements; Fields of vision; Images and imagery; Internal speech; Percepts and perception; Visual perception.
Refer from Eye—Care and hygiene; Language and languages.
—Teachers' manuals.
Refer from Readers.
—Teaching.
See also English language—Pronunciation; Memory work; Word recognition.
—Aids and devices.
See also Alphabet wheels; Flash cards; Hornbooks; Visual aids.
—Methods and technique.
See also Action work; Alphabetic method; Analytic method; Contextual method; Defining, Method of; Diacritical method; Ear training; Eclectic method; Phonetic method; Phonic method; Phonogrammic method; Phrase method; Sentence method; Syllabic method; Thought-getting method; Word method.
—Test scores.
—Tests and scales.
See also Vocabulary tests and scales.
Refer from Prognosis tests.
—Textbooks. *See* Primers; Readers.
—Third grades.

Reading, Oral. *See* Oral reading.

Reading, Outside. *See* Recreational reading; Supplementary reading.

Reading, Professional. *See* Professional books and reading (education)

Reading, Recreational. *See* Recreational reading.

Reading, Required. *See* Required reading.

Reading, Silent. *See* Silent reading.

Reading age, quotient, and ratio.
Refer from Subject age, quotient, and ratio.

Reading circles. *(P)*
See also Chautauquas.
Refer from Adult education; Extension education; State administration—Public schools.
—Students. *(G, U)*
(Include lists of books to be read)
Refer from Children's literature and reading; (s): Juvenile reading circles.
—Teachers. *(G)*
(Include lists of books to be read)
Refer from Certification—Teachers; Professional books and reading (education); Teacher training in service.

Reading for culture. *See* Books and reading.

Reading lists. *See* Book lists; *also* names of subjects with subdivision Bibliography, e.g. Education—Bibliography.

Reading method.
(Method of acquiring facility with a language without the medium of translation)
Refer from Latin language—Teaching—Methods and technique; Modern languages—Teaching—Methods and tech-

Reading method—*(Continued)*
nique; Teaching — Methods and technique.

Reading of children. *See* Children's literature and reading.

Reading preferences. *(P)*
Refer from Books and reading; Reading; Recreational reading.
—Students. *(U)*
—Elementary schools.
—High schools.

Reading schools.
Refer from Education—History; Schools.

Realism.
(Philosophical and educational connotations)
See also Concepts and conception; Object method; Social realism.
Refer from Education—Theories and principles; Epistemology; Idealism and realism; Philosophy; Positivism; Rationalism.

Realism, Verbal. *See* Verbalism in education.

Realism in education.
See also Academies; Courtesy and etiquette; Gentry and nobles—Education; Travel as education; Verbalism in education.
Refer from Education—Europe—Medieval period; Education—Europe—17th century.

Reason and reasoning.
See also Abstraction; Analogy; Analysis and synthesis; Application (recitation); Association; Deduction; Experience; Generalization; Images and imagery; Induction; Judgment; Percepts and perception; Rationalization; Trial and error method; Verification.
Refer from Child psychology; Consciousness; Learning; Logic; Psychology; Psychology, Educational; Thought and thinking; (s): Problem solving (in general); Selective thinking.

Reasoning tests. *(T)*
Refer from Achievement tests; Tests and scales.

Recall. *See* Recollection.

Recall tests.
See also Completion tests.
Refer from Tests—Types.

Recapitulation theory.
See also Acquired characteristics; Apperception; Folklore; Instincts; Play.
Refer from Anthropology; Child study; Courses of study—Theories and principles; Curricula; Education—Theories and principles; Nascent periods; Sociology, Educational; Teaching — Theories and principles; (s): Culture-epoch theory; Reduplication theory.

Receipts. *See* Income and receipts.

Receiving apparatus. *See* Sense organs.

Receiving teachers. *See* Teachers — First grades.

Receptors. *See* Sense organs.

Recesses, School.
See also Games; Noon hour.
Refer from Hygiene of instruction; Recreation—Students—Elementary schools.

Recitals.
See also Expression recitals; Musical recitals.

Recitation, Method of.
See also Application (recitation); Assignments, Lesson; Comparison and abstrac-

Recitation, Method of—*(Continued)*
tion (recitation); Generalization (recitation); Preparation (recitation); Presentation (recitation)
Refer from Development method; Inductive method; Teaching—Methods and technique; (s): Five formal steps; Formal steps in the recitation.

Recitation rooms. *See* Classrooms.

Recitations.
(Original purpose, the hearing of lessons; now includes any or all methods of teaching)
See also Assignments, Lesson; Drill; Motivation in education; Question and answer method; Teaching—Methods and technique; Textbooks.
Refer from Daily programs and time schedules; Hygiene of instruction; Learning; Promotions — Students; Teaching—Types; Teaching loads.
—Rating.
—Score cards.
Refer from Score cards; Teacher rating.
—Standards.

Recitations, Length of. *See* Length of class periods.

Reclassification—Students. *See* Classification —Students.

Recognition.
See also Ideas and ideation; Images and imagery; Percepts and perception; Reactions; Senses and sensation; Sympathy.
Refer from Consciousness; Handwriting—Psychology; Learning; Memory; Recollection.

Recognition tests.
(Type of test or examination)
See also Best-answer tests; Identification tests; Matching tests; Multiple-choice tests; True-false tests.
Refer from Tests—Types.

Recollection.
See also Association; Attention; Images and imagery; Percepts and perception; Recognition.
Refer from Imagination; Learning; Memory; (s): Recall; Remembering.

Record systems. *(U)*
See also Building inspection—Record systems; Business record systems; Financial accounting—Record systems; Health record systems; Library record systems; Marking systems; Medical inspection—Record systems; Physical examinations —Record systems; Student accounting—Record systems; Teacher accounting—Record systems.
—Public schools.
See also Business record systems—Public schools.

Recreation. *(P)*
See also Camps and camping; Concerts; Dancing, Social; Exercise; Games; Motion pictures; Opera, The, and education; Play; Recreational reading; Social functions and activities; Theater, The, and education; Walking.
Refer from Leisure; (s): Amusements.
—Students. *(U)*
See also Athletics; Dramatics; Entertainments; Extra-curricular activities; Pageantry; Recreational reading—Students.
Refer from Sociology, Educational.
—Elementary schools.
See also Recesses, School.
—Teachers. *(U)*

Recreation centers. *See* Community-center activities; Playgrounds.

Recreational reading. *(P)*
See also Reading preferences.
Refer from Books and reading; Reading; Recreation; (s): Home reading; Independent reading; Out-of-school reading; Outside reading; Reading, Outside; Reading, Recreational.

—Students. *(U)*
Refer from Recreation—Students.

—Teachers. *(U)*

Rediscovery, Method of. *See* Experiments, Teaching by; Heuristic method; Verification.

Reduplication theory. *See* Recapitulation theory.

Reed and raffia work. *(S, U)*
Refer from Arts and crafts; (s): Raffia work.

Re-enforcement classes.
(Include restoratory, preventive, and drill classes)
See also After-school classes.
Refer from Special education.

Reference books, Teaching use of. *(S, U)*
See also Dictionaries, Teaching use of.
Refer from Libraries, Teaching use of; Study.

Reflection. *See* Thought and thinking.

Reflexes.
See also Accommodation; Automaton theory; Conditioned responses.
Refer from Automatic movements; Gestalt psychology; Instincts; Motor processes; Nervous system; Original nature; Purposive psychology; Reaction psychology; Reactions.

Reform schools. *(G)*
See also Industrial schools.
Refer from Delinquent children—Education; Industrial education; Institutional schools; Reformatory education; Schools; (s): Industrial schools (English); Reformatories; State schools.

Reformation, The, and education.
See also Bishops' schools; Calvinists—Educational work; Catholic church—Teaching orders; Christian brothers—Educational work; Church attendance—Students; Church schools; Dissenters—Educational work; Grammar schools (English); Jesuits—Educational work; Parish schools; Port Royalists—Educational work; Universities and colleges—History.
Refer from Church, The, and education; Education—Europe—15th–16th centuries; Religious education.

Reformatories. *See* Reform schools.

Reformatory education.
See also Character education; Citizenship education; Criminals—Education; Delinquent children—Education; Detention schools; Disciplinary classes; Industrial education; Parental schools; Prison schools; Punishments and penalties; Reform schools; Rewards and prizes; Twenty-four-hour-day schools.
Refer from Child welfare; Crime and education; Sociology, Educational; Special education; State administration—Public schools; (s): Correctional education; Penology, Educational aspects of.

—Teacher training.
Refer from Teacher training.

Reforms, Educational.
Refer from (s): Educational reforms.

Regattas.
See also Rowing.
Refer from Contests—Universities and colleges; (s): Boat races.

Regeneration. *See* Religion, Psychology of.

Regents, Boards of. *See* Boards of trustees —Universities and colleges.

Regents' examinations.
Refer from Examination questions; Examination systems—Students.

Registers. *See* Attendance record systems.

Registrars. *(U)*
Refer from (s): Administrators, Educational.

—Universities and colleges.
Refer from Administration—Universities and colleges; Student accounting—Universities and colleges; (s): College registrars.

Registration. *(P)*

—Students. *(U)*
Refer from Attendance—Students; Enrollment—Students; (s): Matriculation.

—Universities and colleges.
Refer from Enrollment — Students — Universities and colleges; (s): Universities and colleges—Registration.

—Teachers. *(G)*
Refer from Appointment bureaus—State boards of education; Certification—Teachers; County administration—Public schools; State administration—Public schools; Teacher accounting; Teacher placement; (s): Employment bureaus —Teachers; Teachers—Registration.

Regression.
See also Coefficients of regression; Regression equations.
Refer from Correlation; Statistical methods; Variability and dispersion, Measures of.

Regression coefficients. *See* Coefficients of regression.

Regression equations.
See also Multiple correlation; Partial correlation.
Refer from Regression.

Rehabilitation, Civil.
Refer from Industrial education; Physically handicapped—Education; Vocational education; (s): Civil rehabilitation; Crippled adults—Education; Cripples—Education; Disabled — Education; Industrial rehabilitation; Vocational rehabilitation.

Rehabilitation, Military.
Refer from Industrial education; Physically handicapped—Education; Vocational education; (s): Military rehabilitation; Soldiers, Disabled—Education.

Reinstatements — Students. *See* Suspensions and reinstatements—Students.

Reinstatements — Teachers. *See* Suspensions and reinstatements—Teachers.

Relearning.
Refer from Learning.

Reliability coefficients. *See* Coefficients of reliability.

Reliability of students' marks. *See* Marks—Students—Reliability.

Reliability of tests. *See* Reliability used as a

Reliability of tests—*(Continued)*
test subdivision *(T)* e.g. Tests and scales —Reliability.

Relief teachers.
Refer from Platoon plan; Teachers.

Religion, Psychology of.
See also Belief; Mysticism; Myths and mythology; Spiritualism.
Refer from Child psychology; Psychology; Social psychology; (s): Regeneration.

Religion, University schools of. *See* Schools of religion, University.

Religion and the public schools. *See* Bible reading—Public schools; Religious education—Public schools; Week-day religious education.

Religious education. *(U)*
See also Bible study; Biographical method; Catechetical schools; Catechumenal schools; Church schools; Daily vacation church schools; Missions—Educational work; Parochial schools; Reformation, The, and education; Schools of religion, University; Sunday-school conventions; Sunday schools; Theological education; Theological seminaries and schools; Theology; Week-day religious education.
Refer from Character education; Church education; Citizenship education; Education; Home, The, and education; (s): Christian education; Education, Spiritual.

—Public schools.
See also Bible reading—Public schools; Week-day religious education.
Refer from (s): Public schools and religion; Religion and the public schools.

—Teacher training.
See also Sunday-school institutes; Sunday schools—Teacher-training departments; Theological seminaries and schools.
Refer from Teacher training.

Religious life. *(P)*

—Students. *(U)*
See also Church attendance—Students.
Refer from Student life.

—Universities and colleges.
See also Religious organizations—Universities and colleges; Student volunteer movement.
Refer from (s): Universities and colleges—Religious life.

—Teachers. *(U)*
See also Church attendance—Teachers.

—Universities and colleges.
Refer from (s): Universities and colleges—Religious life.

Religious organizations. *(U)*
Refer from Student organizations and societies.

—Universities and colleges.
See also Student volunteer movement; Young men's Christian associations; Young women's Christian associations.
Refer from Religious life—Students—Universities and colleges.

Remedial instruction.
See also Remedial instruction used as a school-subject subdivision *(S)* e.g. Arithmetic—Remedial instruction.
Refer from Diagnostic education; Errors —Methods of correction; Procedure after testing; Supervised study; Teaching—Methods and technique; (s): Corrective teaching.

Remembering. *See* Recollection.

Remodeling — School buildings. *See* Alterations—School buildings.

Renaissance, The, and education. *(G)*
See also Academies; Ciceronianism; Colloquies; Courtesy and etiquette; Debates and debating; Drama in education; Endowments—History; Fags and fagging; Free schools; Gentry and nobles—Education; Grammar schools (English); Humanism; Humanism and naturalism; Orations and oratory; Palace schools; Printing—History; Travel as education; Universities and colleges—History.
Refer from Education — Europe — 15th–16th centuries; Education—Europe—Medieval period; (s): Humanistic education; Revival of learning and education.

Rents—Buildings. *(U)*
Refer from Buildings.
—Public schools.
Refer from Costs and expenditures—Public schools; Revenues—Public schools.

Repairs and replacements—Buildings. *(U)*
(Include estimate sheets)
Refer from Buildings; Buildings—Construction; Maintenance—Plants; (s): Upkeep—Buildings.
—Public schools.
Refer from Architecture, School; Building inspection—Public schools.

Repairs and replacements—Equipment. *(U)*
Refer from Equipment; Maintenance—Plants.

Repeaters. *See* Backward children; Dull children.

Repetition.
(Nature and function)
Refer from Drill; Learning; Practice; Retention; Scientific methods.

Report cards.
Refer from Achievements — Students; Marking systems; Student accounting—Record systems; Student accounting—Reporting systems; (s): Home cards; Home report cards; Reports to parents.

Report classes. *See* Home rooms.

Reporting systems. *(U)*
See also Building inspection—Reporting systems; Business reporting systems; Financial accounting—Reporting systems; Health reporting systems; Medical inspection — Reporting systems; Physical examinations—Reporting systems; Student accounting — Reporting systems; Teacher accounting—Reporting systems.

Reports. *(U)*
See also Attendance—Students; Building inspection—Reports; Business reports; Curricula; Financial reports; Graphic methods; Health reports; Library reports; Student accounting — Reports; Teacher accounting—Reports.
Refer from Publicity; (s): Annual reports.
—Public schools.
See also Attendance—Students—Public schools; City reports—Public schools; County reports—Public schools; Curricula—Public schools; Financial reports—Public schools; Health reports—Public schools; Special education; State

Reports—Public schools—*(Continued)*
reports — Public schools; Statistics — Public schools; Student accounting—Reports—Public schools.
Refer from Administration — Public schools; Publicity—Public schools; (s): School reports.

—Universities and colleges.
Refer from Administration—Universities and colleges; Publications—Universities and colleges; (s): Universities and colleges—Reports.

Reports, Student. *See* Student themes and papers.

Reports to parents. *See* Report cards.

Repression. *See* Inhibition.

Required reading.
See also Required reading used as a school-subject subdivision *(S)* e.g. Ancient history—Required reading.
Refer from Reading; Supplementary reading; (s): Reading, Required.

Required subjects. *See* Curricula—Constants.

Requirements for entrance. *See* Entrance requirements.

Requirements for graduation. *See* Graduation requirements.

Requisitions. *(U)*
Refer from Business record systems; Buying methods; (s): Purchase orders.

—Public schools.
Refer from Business administration — Public schools.

Research. *(U)*
See also Scientific expeditions; Scientific research; *also* Research used as a school-subject subdivision *(S)* e.g. Arithmetic—Research.
Refer from Higher education.

—Public schools.
See also Research work—Teachers—Public schools.
Refer from Administration — Public schools.

—Universities and colleges. *(G)*
See also Mentally superior—Universities and colleges; Research work—Teachers—Universities and colleges.
Refer from Boards and foundations, Educational; Universities and colleges.

Research, Educational. *(G)*
(Include methods)
See also Bureaus of educational research; Commissions, Educational; Control groups; Deduction; Educational measurements; Endowment of research; Experimental groups; Experimental methods; Genetic method; Induction; Problem method; Questionnaires; Research problems, Educational; Scientific methods; Statistical methods; *also* Research used as a school-subject subdivision *(S)* e.g. Arithmetic—Research.
Refer from Boards and foundations, Educational; Research work; Scientific movements in education; (s): Education, Experimental; Educational research; Experimental education; Experiments in education.

Research bureaus. *See* Bureaus of educational research.

Research for teachers. *See* Research work—Teachers.

Research institutions.
See also names of special institutions.
N. B. Names of institutions are not in-

Research institutions—*(Continued)*
cluded in this List. Insert when needed.
Refer from Research work; (s): Institutions for research.

Research problems, Educational.
Refer from Research, Educational.

Research work. *(P)*
See also Endowment of research; Experiment stations; Graduate work—Universities and colleges; Personnel service; Research, Educational; Research institutions; *also* Research used as a school-subject subdivision *(S)* e.g. Psychology—Research.
Refer from Professional growth (education)

—Teachers. *(U)*
Refer from Teacher participation; Teacher training in service; (s): Faculty research; Research for teachers; Teachers and research.

—Public schools.
Refer from Research—Public schools.

—Universities and colleges.
Refer from Research—Universities and colleges; Teachers—Universities and colleges.

Reserve-officers training corps.
Refer from Military education—Universities and colleges.

Residence halls. *See* Halls of residence.

Residence requirements.
Refer from Graduation requirements—Universities and colleges.

Resignations. *(P)*

—Teachers. *(U)*
Refer from Teacher accounting; (s): Teachers—Resignations.

Respiration.
Refer from Automatic movements; Breathing exercises; Emotions; Singing; Voice culture; (s): Breathing.

Responses. *See* Conditioned responses; Learned responses; Reactions; Stimulus and response.

Rest rooms. *(U)*
See also Teachers' rooms.

—Public schools.
See also Teachers' rooms—Public schools; Toilet facilities—School buildings.
Refer from Architecture, School.

Restaurants—Students. *(U)*

—Universities and colleges.
Refer from Board and lodging—Students—Universities and colleges.

Retail selling. *See* Salesmanship.

Retardation—Students. *(U)*
See also Age; Attendance—Students; Backward children; Dull children; Failures—Students; Health—Students; Mental age; Mentally deficient; Mentally superior.
Refer from Classification—Students; Sociology, Educational; Student accounting; Student progress; (s): Overageness; Retarded children.

Retardation, Mental.
(The slowing up of intellectual development due to causes which are remedial)
See also Adenoids; Alcohol and alcoholism; Chorea; Epilepsy; Glands, Ductless; Habit spasms; Masturbation; Narcotics and narcotic habits; Psychoneuroses; Rickets; Smoking; Speech defects; Stimulants; Syphilis; Teeth—Diseases and defects; Tonsils—Diseases

Retardation, Mental—*(Continued)*
and defects; Tuberculosis.
Refer from Backward children; (s): Arrested development; Mental retardation.

Retarded children. *See* Backward children; Dull children; Retardation—Students.

Retention.
(Psychological connotations)
See also Curves of forgetting; Overlearning; Repetition.
Refer from Economy of time; Learning; Memory; (s): Retentiveness.

Retention in school. *See* Holding power.

Retentiveness. *See* Retention.

Retesting.
See also Practice effects in testing.
Refer from Tests and scales.

Retina. *See* Eye.

Retired teachers. *(U)*
Refer from Teachers.

Retirement systems. *See* Pensions and retirement systems.
—Teachers. *See* Pensions and retirement systems—Teachers.

Revealing courses. *See* Try-out courses.

Revenues. *(U)*
See also Gifts and bequests; Tuition fees.
Refer from Income and receipts.
—Public schools.
(Include permanent invested funds, incidental sources such as dog taxes, licenses, poll taxes, surplus road funds, etc., and taxation)
See also Appropriations—Public schools; Fines—Public schools; Gifts and bequests—Public schools; Interest (income)—Public schools; Permanent funds—Public schools; Rents—Buildings—Public schools; Taxation for education; Tuition fees—Public schools.
Refer from Income and receipts—Public schools.
—Universities and colleges.
See also Appropriations—Universities and colleges; Endowments—Universities and colleges; Gifts and bequests—Universities and colleges; Tuition fees—Universities and colleges.
Refer from Finance—Universities and colleges; Income and receipts—Universities and colleges.

Reverie. *See* Imagination.

Reversion. *See* Atavism.

Reviews.
See also Topical method.
Refer from Examinations; History—Teaching—Methods and technique; Latin language—Teaching—Methods and technique; Learning; Study; Teaching—Methods and technique; Teaching—Types.

Reviews, Book. *See* Book reviews.

Revival of learning and education. *See* Renaissance, The, and education.

Revolving funds.
Refer from Finance.

Rewards and prizes.
(Include honors, privileges, advancement, etc.)
See also Honor rolls; Honors; Promotions—Students.
Refer from Classroom management; Competition; Discipline, School; Incentives; Reformatory education; (s): Awards; Favors for students; Honors as incentives; Prizes and awards.

Rhetoric.
(Concerned with the theoretical side of composition and laws of expression)
See also Orations and oratory.
Refer from Education—Rome—History; English language—Composition; Language and languages; Oral composition; Trivium.

Rhythm.
Refer from Deaf—Methods of instruction; Experimental psychology; Fatigue, Mental; Handwriting—Teaching—Aids and devices; Music; Percepts and perception; Speech education; Structural method; Teaching—Methods and technique.

Rickets.
See also Spinal curvature.
Refer from Medical inspection; Nutrition—Students; Retardation, Mental; (s): Rachitis.

Ridicule. *See* Punishments and penalties.

Right-handedness. *See* Left- and right-handedness.

Rivalry. *See* Competition.

Roman Catholic church—Educational work. *See* Catholic church—Educational work.

Roman education, Ancient. *See* Education—Rome—Ancient period.

Roman history. *See* Rome—History.

Romance languages. *See* French language; Italian language; Spanish language.

Rome—History. *(S, U)*
Refer from (s): Roman history.

Roof playgrounds.
Refer from Playgrounds.

Roofs—School buildings.
See also Fireproofing—School buildings.
Refer from Architecture, School.

Room schedules. *(U)*
(Include methods of determining schedule)
See also Daily programs and time schedules.
Refer from Programs of studies; (s): Schedules of rooms.

—Public schools.
Refer from Architecture, School.

Rotary clubs—Educational work.
Refer from Sociology, Educational.

Rotary plan. *See* Platoon plan.

Rote singing.
See also Imitation.
Refer from Singing—Teaching—Methods and technique.

Rote teaching. *See* Concert recitation.

Routine procedures—Classrooms.
See also Monitors.
Refer from Classroom management; Student cooperation and service—Elementary schools; (s): Classroom procedures; Distribution and collection of papers; Entering and leaving buildings; Excusing from class; Leaving the room; Movements in classroom; Wraps, Handling of.

Rowing.
Refer from Athletics; Regattas.

Rules and regulations. *(U)*
(Include admission to classes, change of studies, withdrawals, absences, etc.)
See also Entrance requirements; Marking systems.

Rules and regulations—*(Continued)*
—**Junior colleges.**
Refer from Administration—Junior colleges.
—**Normal schools and teachers colleges.**
Refer from Administration — Normal schools and teachers colleges; (s): Normal schools and teachers colleges—Rules and regulations.
—**Public schools.**
Refer from Administration — Public schools.
—**Universities and colleges.**
See also Marking systems—Universities and colleges; Point systems.
Refer from Administration—Universities and colleges; (s): Universities and colleges—Rules and regulations.

Running.
Refer from Gymnastics; Track and field athletics.

Rural education. *(G)*
See also Agricultural education; Consolidation of schools; Rural organizations; Rural schools.
Refer from Education; Elementary education; Sociology, Educational; State administration—Public schools.
—**Teacher training.**
See also County normal schools; Normal training classes—High schools.
Refer from Teacher training.

Rural high schools. *See* Consolidated schools.

Rural organizations.
(Include such as cooperate with school activities)
See also names of specific organizations, e.g. Grange. N. B. Names of organizations are not included in this List. Insert when needed.
Refer from Rural education.

Rural practice schools.
Refer from Normal schools and teachers colleges; Practice schools; Schools.

Rural-school libraries. *See* Libraries—Rural schools.

Rural-school playgrounds. *See* Playgrounds—Rural schools.

Rural-school supervision. *See* Supervision of teaching—Rural schools.

Rural-school teachers. *See* Teachers—Rural schools.

Rural-school transportation. *See* Transportation—Students—Rural schools.

Rural schools.
See also Consolidated schools; Divided schools; Mountain schools; Moving schools; One-teacher schools; Privies, School; Stories—Rural schools; *also* Rural schools used as a unit-of-school-organization subdivision *(U)* e.g. Community-center activities—Rural schools.
Refer from District boards of education; Elementary schools; Rural education; Schools; (s): Country schools; District schools; Ungraded schools; Village schools.
—Administration. *See* Administration—Rural schools.
—Buildings. *See* Buildings—Rural schools.
—Score cards. *See* Buildings — Score cards—Rural schools.
—Finance. *See* Finance—Rural schools.
—Standards. *See* Standards — Rural schools.

S

Sabbatical year. *(P)*
—Teachers. *(U)*
Refer from Health—Teachers; Leaves of absence—Teachers.
—Universities and colleges.
Refer from Teachers—Universities and colleges.

Sacramento plan.
Refer from (s): Companion class plan.

Safety education. *(G)*
(Include safety weeks, safety campaigns, etc.)
See also Accidents; Boy scouts; Fire drills; Fire-prevention week; National safety week; Safety essay contests.
Refer from Citizenship education; Education; Health education; Sociology, Educational; Student cooperation and service; (s): Accident prevention.

Safety essay contests. *(G)*
Refer from Essay contests; Safety education.

St. Valentine's day.
(Include exercises and celebrations)
Refer from Special days.

St. Vitus' dance. *See* Chorea.

Salaries. *(P)*
See also Cost of living; Index numbers; Salary schedules.
Refer from Instructional costs.
—County superintendents—Public schools.
—State superintendents—Public schools.
—Supervisors—Public schools.
—Teachers. *(U)*
See also Boarding round of teachers; Expenses—Teachers; Length of service—Teachers; Promotions—Teachers; Single-salary schedules; State appropriations for education; Teacher training.
Refer from Teacher accounting; (s): Teachers—Salaries.
—Public schools. *(G)*
See also Certification—Teachers.
Refer from Appropriations — Public schools; Instructional costs — Public schools.

Salary schedules. *(U)*
See also Length of service—Teachers; Single-salary schedules; Teacher training in service.
Refer from Promotions—Teachers; Salaries; (s): Schedules, Salary.

Sales.
—Buildings. *(U)*
Refer from Buildings.
—Public schools.
Refer from Income and receipts—Public schools.
—Equipment. *(U)*
Refer from Equipment.
—Public schools.
Refer from Income and receipts—Public schools.
—Grounds. *(U)*
Refer from Grounds.

Sales—Grounds—*(Continued)*
—Public schools.
Refer from Income and receipts—Public schools.

Salesmanship. *(S, U)*
Refer from Commercial education; Salesmanship training; (s): Retail selling.

Salesmanship training. *(G)*
See also Salesmanship.
Refer from Commercial education; Education.

Sampling. *See* Random sampling.

Sanatorium schools. *See* Open-air schools.

Sand tables.
See also Clay-modeling.
Refer from Equipment—Public schools; Kindergarten rooms; Primary rooms.

Sanitarium schools. *See* Open-air schools.

Sanitation—School buildings.
See also Cleaning systems—School buildings; Disinfection and disinfectants; Dust (classroom); Heating — School buildings; Housekeeping—School buildings; Toilet facilities—School buildings; Ventilation — School buildings; Water supply systems—School buildings.
Refer from Building inspection—Public schools; Disease prevention; Health departments — Public schools; Health supervision—Public schools; Hygiene, School; Janitorial service—School buildings; Teaching loads; Women's clubs—Educational work; (s): Classrooms, Cleanliness of; Cleanliness, School.

Santa Barbara plan.
Refer from Curricula — Differentiation; Promotions — Students — Elementary schools.

Sarcasm. *See* Punishments and penalties.

Satisfiers and annoyers.
Refer from Emotions; Instincts; Learning; (s): Annoying and satisfying states of affairs.

Satyriasis. *See* Sex anomalies.

Savings banks—Public schools. *(G)*
(Include the different plans followed, e.g. the Thiry or deposit system, the stamp system, the Reiman system, etc.)
See also Student savings—Public schools.
Refer from Community and school; Extracurricular activities — Public schools; Thrift education; (s): Banks—Public schools.

Scales. *See* Tests and scales.

Scaling of tests and scales. *See* Tests and scales—Construction.

Scandinavian languages.
See also Danish language; Norwegian language; Swedish language.

Scarlet fever.
(Include scarlatina; also the Dick test)
See also Toxins and antitoxins.
Refer from Communicable diseases.

Scepticism.
Refer from Philosophy.

Schedules, Salary. *See* Salary schedules.

Schedules of rooms. *See* Room schedules.

Scholars. *See* Students.

Scholarship. *See* Learning and scholarship.

Scholarship contests.
Refer from Contests—Public schools; (s): Academic contests.

Scholarship marks. *See* Marks—Students.

Scholarships and fellowships. *(G)*
See also Examinations; Marks—Students

Scholarships and fellowships—*(Continued)*
—Uses; *also* names of scholarships and fellowships, e.g. Rhodes scholarships. N. B. Names of scholarships and fellowships are not included in this List. Insert when needed.
Refer from American students in foreign countries; Finance—Universities and colleges; Foreign students in the U. S.; Higher education; Honors; Philanthropy, Educational; Student aid; Universities and colleges; Women's clubs—Educational work; (s): Exhibition endowments; Fellowships.

Scholastic honors. *See* Honors.

Scholastic tests. *See* Achievement tests.

Scholasticism.
Refer from Education—Europe—Medieval period; Education—Theories and principles; Monasticism and education; Philosophy; (s): Schoolmen, The.

School, The, and education.
(The school considered as an institution; include function and scope)
Refer from Sociology, Educational.

School accounting. *See* Financial accounting —Public schools.

School age. *(G)*
(Compulsory and legal)
Refer from Age; Attendance—Students—Public schools; Census, School; Compulsory education; Entrance requirements—Elementary schools; (s): Compulsory school age.

School-board secretaries. *See* Secretaries — City boards of education.

School boards. *See* City boards of education.

School books. *See* Textbooks.

School buildings. *See* Buildings — Public schools; *also* School buildings used as a subdivision under architectural subjects, e.g. Roofs—School buildings.

School buses. *See* Transportation—Students.

School city, state, etc.
See also Junior republics.
Refer from Administration—Student participation—Elementary schools; Citizenship education; Civics—Teaching—Aids and devices; Classroom management; Student self-government — Elementary schools; (s): Junior civic organizations; School republics; School state.

School contests. *See* Contests—Public schools.

School districts. *See* Districts, School.

School drama. *See* Dramatics—Elementary schools; Dramatics — High schools; Plays — Elementary schools; Plays — High schools.

School government. *See* Classroom management.

School grounds. *See* Grounds—Public schools.

School journalism. *See* Journalism—Elementary schools; Journalism—High schools.

School lands.
Refer from Permanent funds — Public schools; (s): Land grants for education.

School laws. *See* Laws and legislation—Public schools.

School letters. *See* Athletic honors—Public schools.

School life. *See* Student life.

School management and organization. *See* Administration—Public schools.

School news. *See* News, Educational.

School papers. *See* Newspapers and periodicals—Public schools; Student newspapers and periodicals — Elementary schools; Student newspapers and periodicals—High schools.

School plants. *See* Plants—Public schools.

School Plays. *See* Plays—Elementary schools; Plays—High schools.

School population. *See* Census, School.

School progress of students. *See* Student progress.

School-properties departments. *See* Building departments—Public schools.

School reports. *See* Reports—Public schools.

School republics. *See* Junior republics; School city, state, etc.

School ships. *See* Training ships.

School spirit. *See* Morale—Students—Public schools.

School state. *See* School city, state, etc.

School statistics. *See* Statistics — Public schools.

School-subject unit-costs. *See* Unit-costs per school subject.

School surveys. *See* Surveys—Public schools.

School year, Length of. *See* Length of year—Public schools.

Schoolhouses. *See* Architecture, School; Buildings—Public schools.

Schoolmen, The. *See* Education—Biography; Scholasticism.

Schoolroom decorations. *See* Decorations, School.

Schoolrooms. *See* Classrooms.

Schools. *(G)*

See also Academies; Activity schools; Alien priories; Almonry schools; Anglo-Saxon schools; Army schools; Art schools; Automobile schools and courses; Automotive trade schools; Beauty-culture schools and courses; Bilingual schools; Bishops' schools; Blind — Schools and institutions; Blind-deaf — Schools and institutions; Boarding schools; Boys' schools; Business colleges; Catechetical schools; Catechumenal schools; Cathedral schools; Chancellor's schools; Chantry schools; Charity schools; Choir schools; Choristers' schools; City schools; Cloister schools; Collegiate church schools; Commercial high schools; Consolidated schools; Convent schools; Cooking schools; Cooperative schools; Corporation schools; Correspondence schools and courses; Cosmopolitan high schools; Country day schools; County high schools; Daily vacation church schools; Dairy schools; Dame schools; Dancing schools; Day schools; Deaf—Schools and institutions; Detention schools; Divided schools; Elementary schools; Engineering schools and colleges; Evening schools; Experimental schools; Expression schools; Factory schools; Farm schools; Finishing schools; Folk high schools; Forest schools; Free schools; Gild schools; Girls' schools; Graduate schools; Grammar schools (English); Health play schools; High schools; Home-economics schools; Home schools; Hospital schools; Industrial-arts schools; Industrial schools; Institutional schools; Janitors' training schools; Junior high schools; Junior-

Schools—*(Continued)*
senior high schools; Kindergarten training schools; Labor schools and colleges; Laboratory schools; Latin schools; Law schools and colleges; Military schools and academies; Mountain schools; Movable schools; Moving schools; Music school settlements; Music schools and conservatories; Nautical training schools; Naval schools and academies; Negro schools and colleges; Neighborhood schools; Normal schools and teachers colleges; Nursery schools; Observation schools; One-teacher schools; Open-air schools; Oral-deaf schools; Orphanage schools; Parental schools; Parish schools; Parochial schools; Part-time schools; Petty schools; Platoon schools; Poor-law schools; Practice schools; Preparatory schools; Prison schools; Public schools; Ragged schools; Ranger schools; Reading schools; Reform schools; Rural practice schools; Rural schools; Sewing schools; Singing schools; Socialized schools; Speech defectives—Classes and schools; Summer schools; Sunday schools; Technical schools; Telephone transmission schools; Textile schools; Township high schools; Trade schools; Travel schools; Union high schools; University elementary schools; University high schools; Vestibule schools.

Schools and museums. *See* Museums and schools.

Schools and public libraries. *See* Public libraries and schools.

Schools as social centers. *See* Community-center activities—Public schools.

Schools of education. *See* Normal schools and teachers colleges.

Schools of religion, University.
(Maintained at universities, usually thru interdenominational cooperation)
Refer from Baptist church—Educational work; Church schools; Congregational churches—Educational work; Disciples of Christ—Educational work; Lutheran church—Educational work; Methodist Episcopal church—Educational work; Presbyterian church in the U. S. A.—Educational work; Protestant Episcopal church—Educational work; Religious education; Theological seminaries and schools; Universities and colleges; (s): Religion, University schools of; University schools of religion.

Science. *(S, U)*
See also Accuracy; Science teachers; Scientific methods; Scientific research; Scientific societies; *also* names of sciences, e.g. Chemistry.
Refer from Content subjects.
—Fifth grades.
—History.
See also Magic.
—Junior high schools.
See also Aquariums—Public schools.
Refer from Natural sciences; (s): General science.
—Juvenile literature. *See* Nature readers.
—Teaching—Methods and technique.
See also Biographical method; Heuristic method; Lecture-demonstration method.
—Tests and scales.
See also Tests and scales used as a school-subject subdivision *(S)* under names of

Science—Tests and scales—*(Continued)*
specific sciences, e.g. Chemistry—Tests and scales.
Refer from (s): Science tests.
—Textbooks. *(U)*
—Junior high schools.

Science, Mental. *See* Psychology.

Science, Moral. *See* Ethics.

Science, Political. *See* Political science.

Science of education. *See* Education—Theories and principles.

Science teachers. *(G)*
Refer from Science; Teachers.

Science tests. *See* Science—Tests and scales.

Sciences, Social. *See* Sociology.

Scientific apparatus. *See* Apparatus, Scientific.

Scientific associations. *See* Scientific societies.

Scientific expeditions.
Refer from Research.

Scientific methods.
See also Experimental methods; Hypothesis; Introspection; Objective method; Observation; Proof; Repetition; Statistical methods.
Refer from Experimental psychology; Laboratories; Research, Educational; Science; Scientific movements in education.

Scientific movements in education.
See also Courses of study—Theories and principles; Research, Educational; Scientific methods.
Refer from Education—Europe—Modern period; Education—U. S.—20th century.

Scientific research.
See also Medical research.
Refer from Research; Science.

Scientific societies. *(G)*
See also Botanical societies; Chemical societies; *also* names of specific scientific societies. N. B. Names of specific societies are not included in this List. Insert when needed.
Refer from Education—Europe—17th century; Learned societies; Science; (s): Scientific associations.

Score cards.
See also Buildings—Score cards; Recitations—Score cards; Teacher rating—Score cards; Textbooks—Score cards.
Refer from (s): Rating scales.

Scores, Test. *See* Test scores; *also* Scores used as a test subdivision *(T)* e.g. Personality tests—Scores.

Scoring of tests. *See* Scoring used as a test subdivision *(T)* e.g. Tests and scales—Scoring.

Scouts and scouting.
See also Boy scouts; Camp-fire girls; Girl scouts.
Refer from Character education; Community and school; Extra-curricular activities—Public schools; Health education; Sociology, Educational.

Sculpture. *(S, U)*
See also Clay-modeling; Drawing.
Refer from Art; Plastic art.

Seals. *(U)*
Refer from Insignia.

Seamanship education. *See* Nautical education.

Seating. *See* Desks and seats; Posture.

Seats. *See* Desks and seats.

Seatwork. *(U)*
See also Busy work; Cardboard construction; *also* Seatwork used as a school-subject subdivision *(S)* e.g. Arithmetic —Seatwork.
—Primary grades.
Refer from (s): Primary seatwork.

Seatwork and silent reading—Primary grades.
See Silent reading — Seatwork — Primary grades.

Second grades.
See also Second grades used as a unit-of-school-organization subdivision *(U)* e.g. Handwriting—Second grades.
Refer from Elementary schools; Primary grades.

Secondary education. *(G)*
See also Academies; Adolescence; Athletics—High schools; Eight-four plan; High schools; Intermediate education; Junior colleges; Junior high schools; Junior-senior high schools; Part-time education; Senior high schools; Seven-four plan; Six-six plan; Six-three-three plan.
Refer from Education; State, The, and education.
—Aims and objectives.
—Costs.
Refer from Costs and expenditures—Public schools.
—Teacher training.
Refer from Teacher training.

Secret societies. *See* Greek letter societies (honorary); Greek letter societies (professional); Greek letter societies (social)

Secretarial education. *(G)*
(Education for private, social, literary, educational, and office secretaries)
Refer from Commercial education; Education; Professional education.

Secretarial technique. *(S, U)*
Refer from Commercial education.

Secretarial training courses and schools. *(G)*
Refer from Business colleges; Commercial high schools.

Secretaries—City boards of education.
Refer from Business administration—Public schools; Business managers—Public schools; City boards of education; Clerks—Public schools; (s): School-board secretaries.

Secretiveness.
Refer from Instincts.

Sectarian schools. *See* Church schools.

Sectioning of classes. *See* Homogeneous grouping.

Secular schools. *See* Private schools; Public schools.

Segregation by ability. *See* Homogeneous grouping.

Segregation of races in education. *See* Race segregation in education.

Segregation of sexes. *See* Sex segregation in education.

Selection of teachers. *See* Teachers—Selection and appointment.

Selection of tests. *See* Selection used as a test subdivision *(T)* e.g. Tests and scales —Selection.

Selection of textbooks. *See* Textbooks—Selection.

Selection of university or college. *See* Universities and colleges—Choice and selection.

Selective thinking. *See* Reason and reasoning.

Self.
See also Attitudes; Character; Dual personality; Feelings; Individuality; Memory; Mind; Object and subject; Personality; Self-activity; Thought and thinking.
Refer from Differential psychology; Genetic psychology; Psychology; Purposive psychology; Social psychology.

Self-activity.
See also Action work; Application (recitation); Busy work; Clay-modeling; Conflict; Control; Dramatization; Drawing; Free play; Games; Handwork—Primary grades; Imitation; Initiative; Manipulation as method; Motives; Painting; Play.
Refer from Activity; Character education; Education—Theories and principles; Expression; Individuality; Kindergarten education; Learning; Motor education; Preschool education; Primitive peoples—Education; Psychology, Educational; Self; Structural method; Teaching — Methods and technique; Teaching — Theories and principles; Teaching—Types; Will.

Self-assertion.
Refer from Instincts; Self-consciousness; (s): Assertiveness; Mastery impulse.

Self-consciousness.
(Nature and function)
See also Bashfulness; Self-assertion; Shame.
Refer from Idealism; Learning; Social psychology.

Self-control. *See* Control; Discipline; Will.

Self-culture. *See* Self-education.

Self-education.
See also Books and reading; Conversation; Correspondence schools and courses; Lectures and lecture courses; Libraries; Mental discipline; Study clubs; University extension.
Refer from Adult education; Home, The, and education; Sociology, Educational; (s): Home education; Self-culture.

Self-expression. *See* Expression.

Self-government. *See* Student self-government.

Self-help — Students. *See* Student employment.

Self-support—Students. *See* Student employment.

Semester and quarter plans. *See* Quarter and semester plans.

Semi-annual promotion plan. *See* Promotions—Students.

Semicircular canals. *See* Ear; Vertigo.

Semi-interquartile range.
(Q)
Refer from Median; Range; Variability and distribution, Measures of; (s): Quartile deviation.

Seminar method.
Refer from Economics—Teaching—Methods and technique; History—Teaching—Methods and technique; Sociology—Teaching — Methods and technique; Teaching—Methods and technique; (s): Disputations as method.

Senescence.
Refer from Differential psychology.

Senile insanity.
See also Mania and manias.
Refer from Insanity and insanities.

Senior class. *(U)*
See also Seniors.

—High schools.
Refer from High schools.

—Universities and colleges.
Refer from Universities and colleges.

Senior colleges.
Refer from Universities and colleges.

Senior departments — Sunday schools. *See* Sunday schools—Senior departments.

Senior high schools.
See also Senior high schools used as a unit-of-school-organization subdivision *(U)* e.g. Buildings—Senior high schools.
Refer from High schools; Junior-senior high schools; Secondary education.

Seniors. *(U)*
Refer from Senior class.

Sensationalism.
See also Knowledge; Percepts and perception; Sense training.
Refer from Empiricism.

Sensations. *See* Senses and sensation.

Sense instruction. *See* Sense training.

Sense organs.
(Receiving apparatus for stimuli; receptors)
See also Adaptation, Sensory; Cutaneous sensations; Ear; Eye; Irritability; Muscles; Nose; Tongue.
Refer from Physiological psychology; Psychology; Senses and sensation; Stimulus and response; (s): End-organs, Sensory; Receiving apparatus; Receptors.

Sense training.
See also Objective method; Percepts and perception; Senses and sensation.
Refer from Empiricism; Psychology, Educational; Sensationalism; Teaching — Theories and principles; (s): Sense instruction.

Senses and sensation.
See also After-images; Allochiria; Anesthesia and anesthesias; Astereognosis; Auditory sensations; Complication; Cutaneous sensations; Duration; Fusion; Gustatory sensations; Hyperesthesia; Intensity; Kinesthetic sensations; Limen; Local signs; Olfactory sensations; Organic sensations; Quality; Sense organs; Static sense; Stimulus and response; Synesthesia; Tactual sensations; Vertigo; Visual sensations.
Refer from Apperception; Consciousness; Emotions; Experimental psychology; Handwriting — Psychology; Learning; Mental development; Percepts and perception; Psychology; Psychophysics; Reactions; Recognition; Sense training; Structural psychology; (s): Impressions (psychology); Sensations.

Sensory aphasia. *See* Aphasia and aphasias.

Sensory capacity tests.
Refer from Psychological tests.

Sensory-motor. *See* Stimulus and response.

Sentence method.
Refer from Analytic method; Reading—Teaching — Methods and technique; Thought-getting method.

Sentiment.
Refer from Emotions; Motivation in education; Social psychology.

Separation of races in education. *See* Race segregation in education.

Service systems—School buildings.
See also Cleaning systems—School buildings; Electric service systems—School buildings; Fire protection—School buildings; Heating—School buildings; Laundry service—School buildings; Lighting, Artificial—School buildings; Mechanical service systems—School buildings; Storage service—School buildings; Toilet facilities—School buildings; Ventilation—School buildings; Water supply systems—School buildings.
Refer from Architecture, School; Building departments—Public schools; Building inspection—Public schools; Equipment—Public schools; (s): Accessories—School buildings.

Serving. *(S, U)*
Refer from Home-economics education.

Session, Length of. *See* Length of session.

Seven-four plan.
Refer from Administration—City schools; Length of course; Secondary education.

Seventh-grade try-out. *See* Try-out courses.

Seventh grades.
See also Seventh grades used as a unit-of-school-organization subdivision *(U)* e.g. Spelling—Seventh grades.
Refer from Elementary schools; Grammar grades; Junior high schools.

Sewage disposal—Public schools.
(Include septic tank systems)
Refer from Toilet facilities—School buildings.

Sewing. *(S, U)*
Refer from Home-economics education; (s): Dressmaking.

Sewing schools. *(G)*
Refer from Home-economics education; Schools.

Sex anomalies.
(Include sexual psychopathy)
See also Masturbation.
Refer from Criminal psychology; Juvenile delinquency; Mentally deficient; Movement disorders; Psychasthenia; Psychopathic children; (s): Nymphomania; Satyriasis.

Sex differences.
See also Boys; Girls; Voice, Change of.
Refer from Coeducation; Curricula—Differentiation; Differential psychology; Individual differences; Psychology, Educational; Social psychology.

Sex education. *(G)*
See also Biology; Character education; Eugenics; Hygiene, Personal; Menstruation; Nature study; Physiology; Sex hygiene; Syphilis.
Refer from Adolescence; Child hygiene; Classroom management; Health education; Home, The, and education; Parenthood education; Parents and teachers; Sociology, Educational; Women's clubs—Educational work; (s): Hygiene, Social; Sex instruction.

Sex hygiene. *(S, U)*
Refer from Hygiene; Sex education; (s): Hygiene, Sex.

Sex instruction. *See* Sex education.

Sex segregation in education.
Refer from Coeducation; (s): Segregation of sexes.

Shades—School buildings. *See* Windows and shades—School buildings.

Shame.
Refer from Emotions; Self-consciousness; Social psychology.

Sheet-metal work. *(S, U)*
Refer from Industrial education.

Shoes—Students. *See* Footwear—Students.

Shop and school. *See* Cooperative schools.

Shop mathematics. *(S, U)*
Refer from Industrial education; Mathematics.

Shops. *(U)*
(Include designs, construction, etc. of auto-repair shops, machine shops, print shops, sheet-metal shops, etc.)
See also Wood-working shops.
Refer from Industrial education.
—Equipment and supplies. *(U)*
—Public schools.
Refer from Architecture, School.

Shopwork. *(U)*
See also Shopwork used as a school-subject subdivision *(S)* e.g. Manual training—Shopwork.

Short courses.
(In general)
See also Agricultural education—Short courses; Home-economics education—Short courses; Industrial education—Short courses.
Refer from Curricula.

Shortage of teachers. *See* Teachers—Supply and demand.

Shortcomings of the school. *See* Criticisms—Public schools.

Shortening courses. *See* Length of course.

Shorthand. *See* Stenography.

Shortsightedness. *See* Myopia.

Shower baths—School buildings. *See* Bathing facilities—School buildings.

Shyness. *See* Bashfulness.

Siblings.
See also Twins.
Refer from Individual differences; Intelligence.

Sick leaves. *See* Leaves of absence—Teachers.

Sickness. *See* Morbidity.

Sight. *See* Visual perception.

Sight-saving classes.
(For partially-sighted children)
Refer from Eye—Care and hygiene; Special education; (s): Ocular classes; Partially blind—Education.

Sight-singing.
Refer from Singing—Teaching—Methods and technique.

Sigma. *See* Standard deviation.

Sign language.
(Manual or silent method of human communication)
Refer from Deaf—Methods of instruction; Language and languages; (s): Finger alphabet; Gesture language; Manual alphabets; Manual communication; Visible speech.

Silent reading. *(S, U)*
See also Comprehension in reading.
Refer from Reading; (s): Reading, Silent.

Silent reading—*(Continued)*
—Intermediate grades.
—Seatwork—Primary grades.
See also Cardboard construction.
Refer from Construction work; (s): Seatwork and silent reading — Primary grades.

Simplified spelling. *See* Spelling reforms.

Simulation.
Refer from Animal psychology; Imagination; Impulse; Psychopathology.

Singing. *(S, U)*
See also Children's songs and singing; Choral singing; Community singing; Ear training; Glee clubs; Kindergarten games and songs; Music—Appreciation and interpretation; Musical declamation; Respiration; Singing schools; Voice culture.
Refer from Music; (s): Music, Vocal; Vocal music.
—Teaching—Methods and technique.
See also Galin-Paris-Chevé method; Rote singing; Sight-singing; Tone-word system; Tonic sol-fa.
—Textbooks. *See* Songbooks.

Singing schools.
Refer from Schools; Singing.

Singing societies. *See* Choral societies.

Singing teachers. *See* Voice teachers.

Single-room schools. *See* One-teacher schools.

Single-salary schedules.
Refer from Salaries—Teachers; Salary schedules.

Single-type theory.
Refer from Individual differences.

Sinking funds. *(U)*
Refer from Assets; Bonded indebtedness; Costs and expenditures; Debt service; Liabilities; Pensions and retirement systems.
—Public schools.
Refer from Bonded indebtedness—Public schools.

Sittings. *See* Floor space per student; Half-day sessions.

Six-four-four plan.
See also Junior colleges.
Refer from Administration—City schools.

Six-four-two plan.
Refer from Administration—City schools.

Six-six plan.
See also Junior-senior high schools.
Refer from Administration—City schools; Length of course; Secondary education.

Six-three-three plan.
See also Intermediate education.
Refer from Administration—City schools; Length of course; Secondary education.

Six-year high schools. *See* Junior-senior high schools.

Sixth grades.
See also Sixth grades used as a unit-of-school-organization subdivision *(U)* e.g. Arithmetic—Sixth grades.
Refer from Elementary schools; Grammar grades.

Size of class. *See* Class-size.

Skepticism.
See also Doubt.
Refer from Education—Theories and principles.

Skill.
(Nature and function)
Refer from Education—Aims and objectives; Psychology.

Skills and habits. *See* Habits and skills.

Skin. *See* Cutaneous sensations; Warm and cold spots.

Skin diseases.
(Scabies, ringworm, impetigo, etc.)
See also Pediculosis.
Refer from Communicable diseases; Diseases and defects—Students.

Skipping of grades. *See* Acceleration—Students; Promotions—Students.

Slant handwriting.
Refer from Handwriting—Hygiene; Handwriting—Teaching—Methods and technique.

Slates.
(History and use; include ancient wax tablets)
Refer from Apparatus—Public schools; Teaching—Aids and devices.

Sleep.
See also Dreams and dream states; Hypnosis; Insomnia; Narcolepsy; Somnambulism; Trance.
Refer from Fatigue, Mental; Hygiene, Personal; Instincts; Nervous system; Physiological psychology; Psychology.

Slide rules. *See* Mechanical calculation.

Slides.
See also Lantern slides.
Refer from Microscopes; Picture collections; Visual aids.

Slow children. *See* Backward children; Dull children.

Sloyd. *(S, U)*
(Teaches "the use of the knife and the systematized series of sloyd models")
Refer from Manual training; Practical-arts education.

Smallpox.
See also Vaccination.
Refer from Communicable diseases.

Smell. *See* Olfactory perception.

Smoking.
(Include tobacco habit and cigarette habit; also extent of use and the physiological and psychological effects)
Refer from Efficiency; Hygiene, Personal; Narcotics and narcotic habits; Retardation, Mental; Stimulants; Temperance instruction; (s): Cigarettes; Tobacco, Use of.

Soccer.
Refer from Athletic fields; Athletics; (s): Association football.

Social ability.
Refer from Ability.

Social activities. *See* Social functions and activities.

Social age. *See* Sociological age.

Social aspects of education. *See* Sociology, Educational.

Social centers. *See* Community-center activities.

Social consciousness. *See* Social psychology.

Social dancing. *See* Dancing, Social.

Social education. *See* Character education; Citizenship education; Sociology, Educational.

Social functions and activities. *(U)*
(Parties, picnics, social mixers, dances, etc.)
See also Alumni; Banquets—Students; Chaperonage; Dancing, Social; Games.
Refer from Character education; Extra-

Social functions and activities—*(Continued)*
curricular activities; Home-economics education; Personnel service; Recreation; Student life; Student organizations and societies; (s): Social activities; Social life.

—Universities and colleges.
Refer from (s): Universities and colleges —Social life.

Social guidance. *(U)*
See also Courtesy and etiquette.
Refer from Personnel service; Sociology, Educational; Student advisers and counselors.

Social life. *See* Social functions and activities.

Social organizations. *See* Student organizations and societies.

Social psychology.
See also Adolescence; Anthropology; Attitudes; Characterology; Competition; Criminal psychology; Custom; Demonology; Differential psychology; Emotions; Environment; Ethnopsychology; Eugenics; Genetic psychology; Imitation; Jealousy; Language and languages; Magic; Mob psychology; Personality; Population studies; Primitive peoples—Education; Publicity; Religion, Psychology of; Self; Self-consciousness; Sentiment; Sex differences; Shame; Social tests; Suggestion; Will.
Refer from Applied psychology; Character education; Classroom management; Comparative psychology; Psychology; Psychology, Educational; Reaction psychology; Sociology; Sociology, Educational; Teaching; Welfare-work training; (s): Collective consciousness; Group consciousness; Psychology, Social; Social consciousness.

Social realism.
(Educational realism of early modern period)
See also Courtesy and etiquette.
Refer from Education—Theories and principles; Gentry and nobles—Education; Idealism and realism; Realism.

Social-science teachers. *(U)*
Refer from Teachers.

Social sciences. *(S, U)*
See also Archaeology; Civics; Community civics; Economics; Ethics; History; Political science; Sociology; Vocational civics.
Refer from Americanization; Sociology, Educational; (s): Social studies.

—Professionalization.

—Teaching—Aids and devices.
See also Newspapers and periodicals—Uses.

Social-service activities—Students. *See* Welfare work—Students.

Social-service training. *See* Welfare-work training.

Social settlements—Educational work.
Refer from Adult education; Sociology, Educational.

Social status. *(P)*

—Parents. *See* Parents—Social status.

—Teachers. *(G, U)*
Refer from (s): Teachers—Social status.

Social studies. *See* Social sciences.

Social tests. *(T)*
(Tests to measure tact and ability of working with people)

Social tests—*(Continued)*
Refer from Leadership training; Mental tests; Personality tests; Social psychology; Tests and scales.

Socialism and education.
See also Equalization, Educational.
Refer from Sociology, Educational.

Socialization of education.
See also Socialized recitation; Socialized schools; Student self-government.
Refer from Curricula—Theories and principles; Education — Europe — Modern period; Sociology, Educational.

Socialized recitation.
Refer from Group instruction; Intermediate education; Oral method; Socialization of education; Teaching—Methods and technique.

Socialized schools.
See also Community-center activities—Public schools.
Refer from Schools; Socialization of education.

Societies. *See* Agricultural societies; Associations; Character education—Organizations; Choral societies; Clubs; Greek letter societies; Historical societies; Humane societies; Kindergarten associations; Learned societies; Musical societies; Parent-teacher associations; Student-aid societies; Student organizations and societies; Teachers' associations.

Society and education.
See also Community and school.
Refer from Sociology, Educational; (s): Education and life; Education and public welfare; Education and society.

Society houses—Students.
Refer from Board and lodging—Students—Universities and colleges; Greek letter societies (social); (s): Fraternity houses—Students; Greek letter society houses.

Sociological age.
Refer from Age; (s): Social age.

Sociology. *(S, U)*
See also Anthropology; Clinical psychology; Economics; Ethnology; Eugenics; Social psychology; Sociology, Educational.
Refer from Social sciences; (s): Sciences, Social.

—Supplementary reading.

—Teaching—Methods and technique.
See also Class discussions; Deductive method; Inductive method; Lecture method; Library method; Object teaching; Seminar method; Statistical methods; Textbook method.

Sociology, Educational.
See also Adult education; Altruism and egoism; Art—Galleries and museums; Attendance—Students; Avocational education; Building sites—Public schools; Camps and camping; Census, School; Character education; Child labor; Child welfare; Church, The, and education; Citizenship education; Commissions, Educational; Community and school; Community-center activities; Compulsory education; Crime and education; Criminals—Education; Culture and cultural values; Curricula—Theories and principles; Democracy and education; Discipline, School; Educational guid-

Sociology, Educational—*(Continued)*
ance; Elimination—Students; Employment certificates; Evening schools; Fads and frills, Educational; Freemasons—Educational work; Health education; Heredity, Social; Home, The, and education; Home and school; Illiteracy; Immigrants in the U. S.—Education; Indians in the U. S.—Education; Insurance companies—Educational work; Kiwanis clubs — Educational work; Knights of Columbus — Educational work; Labor and education; Leadership training; Learned societies; Leisure; Liberal education; Libraries; Morbidity —Students; Mortality—Students; Motion pictures; Museums; Negroes in the U. S.—Education; Nursing education; Opera, The, and education; Orphans—Education; Parenthood education; Part-time education; Patriotism, Teaching of; Philanthropy, Educational; Platform, The, and education; Playgrounds; Press, The, and education; Primitive peoples — Education; Recapitulation theory; Recreation—Students; Reformatory education; Retardation — Students; Rotary clubs—Educational work; Rural education; Safety education; School, The, and education; Scouts and scouting; Self-education; Sex education; Social guidance; Social psychology; Social sciences; Social settlements—Educational work; Socialism and education; Socialization of education; Society and education; Special education; State, The, and education; Student life; Student self-government; Suicides — Students; Surveys; Taxation for education; Theater, The, and education; Thrift education; Vocational education; Vocational guidance; Women — Education; Women's clubs — Educational work; World peace and education; Young men's Christian associations — Educational work; Young women's Christian associations—Educational work; Youth movement.
Refer from Courses of study—Theories and principles; Education—Aims and objectives; Education—Theories and principles; Sociology; (s): Educational sociology; Social aspects of education; Social education.

Socratic method. *See* Socrates—Educational theories and methods. N. B. Names of persons are not included in this List. Insert when needed.

Sodalities. *See* Student organizations and societies.

Soils. *(S, U)*
Refer from Agronomy; Vocational agriculture.

Sol-fa system. *See* Tonic sol-fa.

Soldiers—Education.
See also Military education; Soldiers—Education, Non-military.

Soldiers—Education, Non-military.
See also Army schools.
Refer from Soldiers—Education.

Soldiers, Disabled—Education. *See* Rehabilitation, Military.

Solid geometry. *(S, U)*
Refer from Geometry; Mathematics.

Somatology.
See also Anatomy; Anthropometry; Brain;

Somatology—*(Continued)*
Growth, Physical.
Refer from Anthropology; Ethnology; Physiology, Human.

Somnambulism.
Refer from Automatism; Hypnosis; Neurotic children; Sleep; Subconscious mind.

Song schools.
Refer from Bishops' schools; Cathedral schools; Church schools; Collegiate church schools; Education — Europe — Medieval period; Music schools and conservatories; Musical education — History.

Songbooks. *(U)*
Refer from Songs; (s): Singing—Textbooks.

Songs.
See also Children's songs and singing; Kindergarten games and songs; Songbooks; Student songs.
Refer from Music.

Sophomore class. *(U)*
See also Sophomores.
—High schools.
Refer from High schools.
—Universities and colleges.
Refer from Universities and colleges.

Sophomores. *(U)*
Refer from Sophomore class.

Sororities, Greek letter. *See* Greek letter societies.

Sorrow.
Refer from Emotions.

Sorting machines. *See* Tabulation, Machine.

Soul-substance theory.
See also Faculty psychology; Innate ideas; Transfer of training.
Refer from Brain; Education—Theories and principles; Philosophy; Thought and thinking.

Sound-proofing.
Refer from Music rooms.

Source method.
See also Higher criticism; Textual criticism.
Refer from History—Teaching—Methods and technique.

Sources of income. *See* Income and receipts; Support of education.

Space perception.
See also Binaural hearing; Binocular vision; Form study; Fusion; Local signs; Location, Sense of; Number form.
Refer from External objects; Nativism; Optics; Percepts and perception; (s): Depth; Extension.

Spanish language. *(S, U)*
See also Commercial Spanish.
Refer from Modern languages; (s): Romance languages.

Spanish teachers. *(G)*
(Teachers of the Spanish language)
Refer from Modern language teachers; Teachers.

Spasms.
See also Habit spasms.
Refer from Chorea; Convulsions; Epilepsy; Movement disorders; Nervous system—Diseases.

Speaking. *See* Lectures and lecture courses; Public speaking; Speech education.

Special abilities.
See also Aptitude tests; Idiot-savants; Transfer of training.
Refer from Ability; Differential psychology; Educational guidance; Genius; Individual differences; Intelligence; Mentally superior; Psychology, Educational; Vocational guidance; (s): Abilities, Special; Aptitudes; Prodigy, Mental; Supernormal children; Talent.

Special days.
(Include exercises and celebrations)
See also Arbor day; Armistice day; Bird day; Christmas; Columbus day; Commencements; Exhibits—Public schools; Festivals; Flag day; Good-roads day; Health day; Lincoln's birthday; May day; Memorial day; Patrons' day; Peace day; St. Valentine's day; Thanksgiving day; Washington's birthday.
Refer from Community and school; Extra-curricular activities; Holidays; (s): Anniversary celebrations; Birthday celebrations, School; Celebration of holidays; Days, Special; Exercises (programs); National holidays; Programs of celebrations.

Special education. *(G)*
See also After-school classes; Anemic children—Education; Backward children — Education; Blind — Education; Blind-deaf—Education; Cardiac children—Education; Crippled children—Education; Deaf — Education; Delinquent children—Education; Disciplinary classes; Dull children—Education; Epileptic children — Education; Foreign-speaking children—Education; Hard-of-hearing — Education; Health play schools; Home schools; Hospital classes; Mentally deficient—Education; Mentally superior—Education; Nutrition classes; Open-air schools; Orthopedic classes; Physically handicapped—Education; Reenforcement classes; Reformatory education; Sight-saving classes; Speech defectives—Education; Tuberculous children — Education; Twenty-four-hour-day schools; Ungraded rooms; Ungraded teachers; Unstable children—Education.
Refer from Administration — Public schools; Classification—Students; Compulsory education; Corporal punishment; Courses of study—Differentiation; Democracy and education; Education; Elementary education; Equalization, Educational; Reports — Public schools; Sociology, Educational; State, The, and education; Supervision of teaching—Public schools; (s): Atypical children—Education; Auxiliary classes and schools; Classes for atypical children; Differential education.
—Costs.
Refer from Costs and expenditures—Public schools.
—Courses of study.
—Teacher training.
Refer from Teacher training.
—Theories and principles.

Special methods of teaching. *See* Teaching—Methods and technique.

Special students. *(U)*
Refer from Students.
—Universities and colleges.
See also Auditors.

Special supervisors—Public schools.
See also Art supervisors; Health supervisors—Public schools; Music supervisors.
Refer from Supervision of teaching—Public schools; Supervisors—Public schools.

Special teachers. *(G, U)*
See also Agriculture teachers; Art teachers; Commercial teachers; Health teachers; Home-economics teachers; Industrial teachers; Music teachers; Physical directors and teachers; Ungraded teachers.
Refer from Teachers.

Special weeks.
(Include exercises and celebrations)
See also American education week; Better-speech week; Children's book week; Clean-up week; Constitution week; Exhibits—Public schools; Fire-prevention week; Grammatical week; Health week; High-school week; National safety week; National thrift week.
Refer from (s): Programs of celebrations.

Specialization. *(U)*
Refer from Curricula.

Speech-correction classes. *See* Speech defectives—Classes and schools.

Speech defectives.
Refer from Physically handicapped.

—Classes and schools. *(G)*
Refer from Schools; Speech defectives—Education; (s): Speech-correction classes.

—Education. *(G)*
See also Speech defectives—Classes and schools; Speech defects—Correction.
Refer from Special education; Speech education.

Speech defects.
See also Aphasia and aphasias; Aphonia; Lisping; Mutism; Stammering; Stuttering.
Refer from Diseases and defects—Students; Mentally deficient; Movement disorders; Nervous system—Diseases; Neurotic children; Retardation, Mental; (s): Anarthria; Speech disorders.

—Correction.
Refer from Speech defectives—Education; (s): Correction of speech defects.

Speech disorders. *See* Speech defects.

Speech education. *(G)*
See also Better-speech week; Debates and debating; Declamatory contests; Elocution; Expression; Oral composition; Orations and oratory; Oratorical contests; Public speaking; Rhythm; Speech defectives—Education.
Refer from Education; (s): Speaking; Spoken English.

Speech reading. *See* Lip reading.

Speed.
Refer from Arithmetic; Curves of learning; Learning; Mathematics; Mechanical calculation; Statistical methods.

Speed grouping. *See* Homogeneous grouping.

Speed tests. *See* Rate tests.

Spellers.
See also Spelling lists.
Refer from (s): Spelling—Textbooks.

Spelling. *(S, U)*
(Include written and oral)
See also Phonetics.

Spelling—*(Continued)*
Refer from English language—Composition; Formal subjects; Fundamentals; Language and languages; (s): Alphabetic spelling; English; English language — Orthography and spelling; Orthography.
—Contests. *(G)*
(Include old-fashion spelling matches and bees)
—Courses of study. *(G)*
—Drill.
Refer from Spelling—Teaching—Methods and technique.
—Games.
—Instructional materials. *(U)*
—Psychology.
See also Ear mindedness; Eye mindedness; Images and imagery; Motor processes.
—Seventh grades.
—Surveys.
—Teaching.
See also English language—Pronunciation.
—Aids and devices.
See also Dictionaries, Teaching use of; Spelling lists; Spelling rules; Visual aids.
—Methods and technique.
See also Columnal spelling; Comparison, Method of; Contextual method; Copying; Defining, Method of; Diacritical method; Dictation, Method of; Incidental method; Object teaching; Phonetic method; Phonogrammic method; Reading; Spelling — Drill; Word study.
—Textbooks. *See* Spellers.

Spelling lists. *(U)*
(Grade lists, class lists, and individual lists)
Refer from Spellers; Spelling—Teaching—Aids and devices; (s): Word lists.

Spelling reforms.
Refer from (s): Phonetic spelling; Simplified spelling.

Spelling rules.
Refer from Spelling—Teaching—Aids and devices.

Spinal cord.
See also Localization of functions.
Refer from Nervous system; (s): Commissures.

Spinal curvature.
Refer from Desks and seats; Medical inspection; Physical defects; Posture; Rickets; (s): Deformity—Students.

Spiral method.
Refer from Arithmetic—Teaching—Methods and technique; Mathematics—Teaching—Methods and technique; Teaching—Methods and technique; (s): Concentric circle method.

Spiritualism.
Refer from Philosophy; Psychical research; Religion, Psychology of.

Spoken English. *See* Speech education.

Sponsor-teachers. *See* Student advisers and counselors.

Spontaneity. *See* Activity; Initiative.

Sports. *See* Athletics.

Spread of improvement. *See* Transfer of training.

Squinting.
Refer from Eye—Diseases and defects; (s): Strabism.

Stadia. *(U)*

—Universities and colleges.

Refer from Athletics—Universities and colleges; Football.

Stage, Training for. *See* Acting.

Stairways and corridors—School buildings.

See also Color of walls; Decorations, School.

Refer from Architecture, School; (s): Corridors—School buildings; Halls—School buildings; Vestibules — School buildings.

Stammering.

(A speech defect in which individual sounds are difficult of pronunciation)

Refer from Speech defects.

Standard deviation.

(S. D. or σ (sigma); include computation and uses)

See also Probable error.

Refer from Mean; Variability and dispersion, Measures of; (s): Sigma.

Standardization of tests. *See* Standardization used as a test subdivision *(T)* e.g. Tests and scales—Standardization.

Standardized tests. *See* Tests and scales—Standardization.

Standards. *(U)*

(Include methods of standardization)

See also Building standards; Health standards; Heating standards; Library standards; Lighting standards; *also* Standards used as a form subdivision *(F)* e.g. Textbooks—Standards.

Refer from (s): Educational standards.

—Elementary schools. *(G)*

Refer from Accredited elementary schools; (s): Elementary schools—Standards.

—High schools. *(G)*

Refer from Accredited high schools; (s): High schools—Standards.

—Normal schools and teachers colleges. *(G)*

Refer from (s): Normal schools and teachers colleges—Standards.

—Rural schools. *(G)*

Refer from (s): Rural schools—Standards.

—Universities and colleges. *(G)*

See also Entrance requirements—Universities and colleges; Graduation requirements—Universities and colleges.

Refer from Accredited universities and colleges; (s): College standards; Universities and colleges—Standards.

Standards, Engineering. *See* Building standards.

State, The, and education.

(Educational function of the state as a legal body and as an institution)

See also Administration—Public schools; Adult education; Building laws and regulations—Public schools; Certification—Teachers; Citizenship education; Compulsory education; Courses of study; Curricula; Elementary education; Equalization, Educational; Finance—Public schools; Health — Students; Higher education; Hygiene, School; Institutional schools; Laws and legislation —Public schools; Secondary education; Special education; State appropriations for education; Supervision of teaching; Support of education; Teacher training; Teaching; Textbooks; United States—Government and education; Vocational education.

Refer from Sociology, Educational; (s): Education and the state; Higher educa-

State, The, and education—*(Continued)*
tion and the state.

State administration—Public schools. *(G)*
See also Accredited elementary schools; Accredited high schools; Bible reading—Public schools; Boundaries, School-district; Census, School; Centralization of control; Certification — Supervisors; Certification—Teachers; Child labor and education; Child welfare; Compulsory education; County administration—Public schools; Equalization, Educational; Examination systems—Students; Examination systems—Teachers; Laws and legislation — Public schools; Parochial schools; Private schools; Reading circles; Reformatory education; Registration — Teachers; Rural education; State boards of education; State courses of study; State finance—Public schools; State superintendents—Public schools; State supervision of teaching; Teacher training; Teachers' institutes; Tenure—Teachers; Textbook commissions; Textbooks—Adoption; Vacations.
Refer from Administration — Public schools; (s): State control of schools; State school systems.

State adoption of textbooks. *See* Textbooks—Adoption.

State aid for education. *See* State appropriations for education.

State appropriations for education. *(G)*
(Include special subsidies and grants)
See also Apportionment of school funds; Permanent funds—Public schools.
Refer from Appropriations — Normal schools and teachers colleges; Appropriations—Public schools; Appropriations—Universities and colleges; Equalization, Educational; Institutional schools; Libraries—Public schools; Salaries—Teachers; State, The, and education; State finance—Public schools; State supervision of teaching; State support of education; Teacher training; Teachers' institutes; Transportation — Students; Vocational education; (s): State aid for education.

State athletic associations. *(G)*
Refer from Athletic associations.

State boards of education. *(G)*
(Include their duties, legal status, meetings, organization, number of members, method of appointment and selection, length of service, rating, and salaries)
See also Appointment bureaus — State boards of education; Bureaus of educational research—State boards of education; State superintendents — Public schools.
Refer from Boards of education; State administration—Public schools; (s): Departments of education, State; State departments of education.

State certification of teachers. *See* Certification—Teachers.

State control of schools. *See* State administration—Public schools.

State courses of study. *(G)*
Refer from Courses of study; State administration — Public schools; State supervision of teaching.

State dental examinations. *(G)*
Refer from Dental education; Examinations.

State departments of education. *See* State boards of education.

State examination systems. *See* Examination systems — Students; Examination systems—Teachers.

State finance—Public schools. *(G)*
See also Permanent funds—Public schools; State appropriations for education; State financial reports—Public schools; Taxation for education.
Refer from Finance—Public schools; State administration—Public schools.

State financial reports—Public schools. *(G)*
Refer from Financial reports — Public schools; State finance—Public schools.

State junior colleges. *(G)*
Refer from Junior colleges.

State libraries. *(G)*
See also Traveling libraries.
Refer from Libraries.

State medical examinations. *(G)*
Refer from Examinations; Medical education.

State normal schools and teachers colleges. *(G)*
See also names of specific institutions. N. B. Names of institutions are not included in this List. Insert when needed.
Refer from Normal schools and teachers colleges; State universities and colleges.

State publication of textbooks. *See* Textbooks —Publication.

State reports—Public schools. *(G)*
Refer from Reports—Public schools.

State school systems. *See* State administration—Public schools.

State schools. *See* Reform schools.

State superintendents—Public schools.
(Frequently designated as superintendent of public instruction, superintendent of education, and commissioner of education; include their duties, legal status, methods of appointment and selection, qualifications, etc.)
See also State superintendents—Public schools used as a personnel subdivision *(P)* e.g. Salaries—State superintendents —Public schools.
Refer from Elections, School; State administration — Public schools; State boards of education; Superintendents—Public schools; (s): Chief state school officers; Commissioners, School; Directors—Public schools.

State supervision of teaching. *(G)*
See also Agricultural education; Industrial education; Inspection — High schools; State appropriations for education; State courses of study; State supervisors—Public schools.
Refer from State, The, and education; State administration—Public schools; Supervision of teaching—Public schools.

State supervisors—Public schools.
See also Inspectors—High schools.
Refer from State supervision of teaching; Supervisors—Public schools.

State support of education. *(G)*
(Include ability to support)
See also State appropriations for education.
Refer from Support of education.

State surveys—Public schools. *(G)*
Refer from Surveys—Public schools.

State teachers' associations. *(G)*
Refer from Teachers' associations.

State universities and colleges. *(G)*
See also State normal schools and teachers colleges; *also* names of specific institutions. N. B. Names of institutions are

State universities and colleges—*(Continued)*
not included in this List. Insert when needed.
Refer from Universities and colleges.

Static sense.
See also Vertigo.
Refer from Ear; Experimental psychology; Senses and sensation.

Statistical methods.
(As applied to education)
See also Accuracy; Biometry; Central tendency, Measures of; Computation tables; Correlation; Correlation tables; Errors of measurement; Graphic methods; Index numbers; Mean; Mechanical calculation; Median; Mode; Multiple correlation; Partial correlation; Probable error; Random sampling; Regression; Speed; Variability and dispersion, Measures of.
Refer from Educational measurements; Experimental psychology; Individual differences; Intelligence testing; Marks — Students; Psychology — Research; Questionnaires; Research, Educational; Scientific methods; Sociology—Teaching —Methods and technique; Student accounting; Test scores; Tests and scales —Reliability.

Statistics. *(U)*
See also Statistics used as a form subdivision *(F)* e.g. Attendance—Students —Statistics.
Refer from (s): Education—Statistics; Educational statistics.
—High schools.
Refer from (s): High schools—Statistics.
—Public schools.
See also Financial reports—Public schools; Student accounting — Reports — Public schools.
Refer from Reports—Public schools; (s): School statistics.
—Terminology.
—Universities and colleges.
Refer from (s): Universities and colleges—Statistics.

Stay-in-school drives.
Refer from Publicity — Public schools; Publicity campaigns—Public schools.

Stealing.
Refer from Classroom management; Juvenile delinquency; (s): Dishonesty.

Stenciling. *(S, U)*
Refer from Art education.

Stenographers. *(U)*
—Public schools.
Refer from Business administration — Public schools.

Stenography. *(S, U)*
Refer from Commercial education; (s): Shorthand.

Stereographs.
Refer from Picture collections; Stereoscopes; Visual aids.

Stereopticons.
See also Lantern slides.
Refer from Visual aids; (s): Lanterns; Magic lanterns; Projection lanterns; Projectoscopes.

Stereoscopes.
See also Stereographs.
Refer from Visual aids.

Stimulants.
(Coffee, tea, etc.; include physiological and psychological effects)

Stimulants—*(Continued)*
See also Alcohol and alcoholism; Smoking.
Refer from Efficiency; Hygiene, Personal; Retardation, Mental; Temperance instruction.

Stimulus and response.
(Nature and function)
See also Adaptation; Adjustment; Control; Nerve impulses; Reacting mechanisms; Reactions; Sense organs.
Refer from Animal psychology; Behaviorism; Dynamic psychology; Education—Theories and principles; Motor processes; Pragmatism; Reaction psychology; Senses and sensation; Thought and thinking; (s): Responses; Sensory-motor.

Stimulus-response psychology. *See* Dynamic psychology.

Storage service—School buildings.
(Include care of bicycles, automobiles, fuel storage, book and supply storage, etc.)
See also Basements—School buildings.
Refer from Service systems—School buildings.

Storekeepers. *(U)*
—Public schools.
Refer from Business administration—Public schools.

Stories. *(U)*
(Stories, long and short, having to do with the students and teachers of our educational institutions)
See also Children's stories; Christmas stories.
Refer from Literature.
—High schools.
Refer from (s): High-school stories.
—Rural schools.
Refer from Rural schools.
—Universities and colleges.
Refer from (s): College stories.

Story-telling.
See also Children's stories; Fables; Fairy tales; Folklore; Myths and mythology.
Refer from Character education—Methods of instruction; Children's literature and reading; English literature—Teaching — Aids and devices; History — Teaching — Methods and technique; Kindergarten education; Literature — Appreciation and interpretation; Oral composition; Oral method; Primary education; Teaching — Methods and technique.

Strabism. *See* Squinting.

Stream of consciousness.
See also Time perception.
Refer from Consciousness; Psychology.

Street trades.
Refer from Child labor.

Strikes—Students. *See* Student strikes.

Structural method.
See also Composition (art); Rhythm; Self-activity.
Refer from Art—Appreciation and interpretation; Art—Teaching—Methods and technique; Natural method.

Structural psychology.
See also Analysis and synthesis; Association; Attention; Feelings; Introspective psychology; Knowledge; Memory; Senses and sensation; Thought and thinking.
Refer from Psychology; (s): Analytic psychology; Psychology, Structural.

Student accounting. *(U)*
(Include administration, methods, and need for)
See also Absences—Students; Acceleration — Students; Achievements — Students; Age; Age-grade-progress; Attendance—Students; Card systems in education; Census, School; Class-size; Credits and credit systems; Curricula—Differentiation; Demotions—Students; Elimination—Students; Failures—Students; Marking systems; Medical inspection; Nationality surveys; Promotions — Students; Retardation — Students; Statistical methods; Student advisers and counselors; Student progress; Suspensions and reinstatements — Students; Tardiness—Students; Teacher accounting.
Refer from Administration; Classroom management; Educational measurements; Equalization, Educational; Surveys; (s): Accounting, Child; Child accounting.

—Elementary schools. *(G)*
Refer from Administration—Elementary schools; (s): Pupil accounting.

—High schools. *(G)*
Refer from Administration—High schools.

—Public schools. *(G)*
See also Census, School.
Refer from Administration — Public schools; Attendance departments—Public schools; Bureaus of educational research—Public schools; Supervision of teaching—Public schools.

—Record systems. *(U)*
(Classroom and office records, local and state; include forms used, e.g. for transfer cards, office record cards, admission, discharge, and promotion cards, etc.)
See also Attendance record systems; Cumulative record cards; Health record systems; Permanent record systems; Report cards.
Refer from Record systems.

—Public schools.
See also Census record systems—Public schools.

—Reporting systems. *(U)*
(Include forms used)
See also Attendance reporting systems; Health reporting systems; Report cards.
Refer from Reporting systems.

—Public schools.
See also Census reporting systems—Public schools.

—Reports. *(U)*
See also Attendance reports.
Refer from Reports.

—Public schools.
See also Census reports—Public schools.
Refer from Reports — Public schools; Statistics—Public schools.

—Standards. *(U)*
(Include standardization and uniformity)

—Terminology.

—Universities and colleges.
See also Administration—Universities and colleges; Registrars—Universities and colleges.

Student activities. *See* Extra-curricular activities.

Student advisers and counselors. *(U)*
(Include class advisers, faculty advisers, etc.)
See also Interviews and conferences.
Refer from Counseling systems; Curricula—Differentiation; Educational guidance; Extra-curricular activities; Home and school; Personnel service; Social guidance; Student accounting; Voca-

Student advisers and counselors—*(Continued)*
tional guidance; (s): Advisers and counselors; Counselors; Educational counselors; Sponsor-teachers; Teacher-advisers; Vocational counselors.

—Public schools.
See also Deans of girls; Home-room teachers; Nurses — Public schools; Supervisors—Public schools; Teachers—Public schools; Visiting teachers.
Refer from Extra-curricular activities—Public schools; (s): Girls' advisers.

—Universities and colleges.
See also Deans of colleges; Deans of men; Deans of women; Teachers—Universities and colleges.
Refer from Extra-curricular activities—Universities and colleges; Personnel service—Universities and colleges.

Student aid. *(U)*
See also Scholarships and fellowships; Student-aid societies; Student employment; Student loans and loan funds.

Student-aid societies.
See also Student loans and loan funds.
Refer from Student aid; Student organizations and societies; (s): Societies.

Student annuals. *(U)*
Refer from Extra-curricular activities; Student life; Student publications; (s): Annuals, Student; Yearbooks.

—High schools. *(G)*
Refer from (s): High-school annuals.

—Universities and colleges.
Refer from (s): College annuals.

Student body. *(U)*
(Include source and distribution)
See also Students.

—Universities and colleges.
Refer from Universities and colleges—Location.

Student cooperation and service. *(U)*
(Cooperation of students in carrying on school activities, e.g. handling and correcting materials, ushering visitors, etc.)
See also Administration—Student participation; Fire drills; Hygiene, School; Safety education.
Refer from Attendance—Students; Classroom management; Loyalty—Students.

—Elementary schools.
See also Routine procedures—Classrooms.

—Public schools.
See also Absences — Students — Public schools; Attendance—Students—Public schools; Tardiness—Students — Public schools; Traffic regulation—Students—Public schools.

Student costs. *See* Unit-costs per student.

Student councils. *(U)*
Refer from Administration—Student participation; Student self-government; (s): Councils.

—Elementary schools.

—High schools.

—Universities and colleges.
Refer from Administration—Student participation—Universities and colleges.

Student drama. *(U)*
(Dramas written by students)
Refer from Literature; (s): Drama, Student.

Student earnings. *(U)*
See also Student savings.
Refer from Student employment; (s): Earnings, Student.

Student employment. *(U)*
See also Employment bureaus—Students; Student earnings.
Refer from Compulsory education; Student aid; Vacations; (s): Boys—Employment; Self-help — Students; Self-support—Students; Students—Self-help.
—Universities and colleges.
See also Employment bureaus—Students —Universities and colleges.
Refer from (s): Working way through college.

Student ethics. *(U)*
Refer from Ethics and education.
—Universities and colleges.
Refer from (s): College ethics.

Student expenses. *See* Expenses—Students.

Student guidance. *See* Personnel service.

Student handbooks. *(U)*
Refer from Manuals and handbooks; Student publications; (s): Handbooks.

Student-hour unit-costs. *See* Unit-costs per student.

Student life. *(U)*
See also Athletics; Board and lodging—Students; Clubs; Contests; Dramatics; Extra-curricular activities; Fags and fagging; Festivals; Greek letter societies (social); Hazing; Holidays; Literary societies; Loyalty—Students; Morale—Students; Punishments and penalties; Religious life—Students; Social functions and activities; Student annuals; Student organizations and societies; Student publications; Student relationships; Student songs; Student strikes; Student yells; Wandering students; Welfare work—Students.
Refer from Discipline, School; Sociology, Educational; (s): School life.
—High schools.
Refer from High schools.
—History.
See also Barring out teachers; Boy bishops; Cockfighting in schools.
—Universities and colleges.
See also Academic costumes; Automobiles —Students—Universities and colleges; Commons and unions; Dueling in universities; Greek letter societies—Universities and colleges.
Refer from Universities and colleges; (s): College life.

Student loads. *(U)*
See also Extra-curricular activities; Free periods; Student programs and schedules.
Refer from (s): Loads, Student.

Student loans and loan funds. *(U)*
Refer from Student aid; Student-aid societies; (s): Loan funds.

Student military training camps. *See* Military training camps (student)

Student morality. *(U)*
Refer from Morality and moral sense; (s): Morals.
—Universities and colleges.
Refer from (s): Universities and colleges —Moral conditions.

Student newspapers and periodicals. *(U)*
Refer from Newspapers and periodicals; Student publications.
—Elementary schools.
Refer from Newspapers and periodicals—Public schools; (s): Papers, School; School papers.

Student newspapers and periodicals—*(Continued)*

—High schools.

Refer from Newspapers and periodicals—Public schools; (s): High-school papers; Papers, School; School papers.

—Universities and colleges.

Refer from Newspapers and periodicals—Universities and colleges; (s): College periodicals.

Student organizations and societies. *(U)*

See also Greek letter societies; Literary societies; Religious organizations; Social functions and activities; Student-aid societies.

Refer from Associations; Extra-curricular activities; Student life; (s): Organizations; Social organizations; Societies; Sodalities; Students' societies.

—Public schools.

—Universities and colleges.

See also Boarding clubs—Students—Universities and colleges; Cosmopolitan clubs.

Refer from (s): College societies.

Student organizations and societies (men) *(U)*

Student organizations and societies (women) *(U)*

Student participation in school government.

See Administration — Student participation.

Student programs and schedules.

(Individual schedules of classes for a quarter or a semester)

See also Study programs.

Refer from Student loads.

Student progress. *(U)*

See also Acceleration—Students; Age-grade-progress; Attendance—Students; Classification—Students; Failures—Students; Graphic methods; Health—Students; Individual differences; Promotions—Students; Retardation—Students.

Refer from Student accounting; (s): Child progress; Distribution of students; Educational progress; Grade-progress; Progress, Student; School progress of students.

—Elementary schools.

—High schools.

—Universities and colleges.

Student publications. *(U)*

See also Printing; Student annuals; Student handbooks; Student newspapers and periodicals.

Refer from Continuous publicity; Extra-curricular activities; Journalism; Publications; Student life; (s): Amateur journalism.

—Elementary schools.

Refer from Journalism — Elementary schools.

—High schools.

Refer from Journalism—High schools.

—Private schools.

—Universities and colleges.

Refer from Journalism—Universities and colleges.

Student relationships. *(U)*

See also Teachers and students.

Refer from Student life.

Student rights. *(U)*

(What teachers and officials owe students)

—Public schools.

Refer from Administration — Public schools.

Student rights—*(Continued)*
—Universities and colleges.
Refer from Administration—Universities and colleges.

Student savings. *(U)*
Refer from Student earnings.
—Public schools.
Refer from Savings banks—Public schools.

Student self-government. *(U)*
See also Cheating; Honor systems; Monitorial systems; Prefects and the prefect system; Student councils.
Refer from Administration—Student participation; Character education; Citizenship education; Civics—Teaching—Aids and devices; Classroom management; Discipline, School; Extra-curricular activities; Leadership training; Merit systems—Students; Socialization of education; Sociology, Educational; (s): Cooperative government, School; Government, Student; Self-government.
—Elementary schools.
See also Grade forums; Junior republics; School city, state, etc.
Refer from Administration—Elementary schools; (s): Pupil self-government.
—High schools.
Refer from Administration—High schools.
—Public schools.
Refer from Administration — Public schools; (s): Government, School.
—Universities and colleges.
Refer from Administration—Student participation — Universities and colleges; Administration—Universities and colleges.

Student slang. *(U)*
—Universities and colleges.
Refer from (s): College slang.

Student songs. *(U)*
Refer from Songs; Student life; (s): Class songs.
—Universities and colleges.
Refer from (s): College songs.

Student strikes. *(U)*
Refer from Student life; (s): Strikes—Students.
—Public schools.
Refer from Administration — Public schools.
—Universities and colleges.
Refer from Administration—Universities and colleges.

Student-teachers.
(Students of the teaching process who do their practice teaching while they are securing their professional training)
See also Observation of teaching.
Refer from Practice teaching; Teachers; (s): Practice teachers; Pupil-teachers.

Student themes and papers. *(U)*
Refer from Civics — Teaching — Methods and technique; English language—Teaching—Methods and technique; History — Teaching — Methods and technique; Teaching—Methods and technique; (s): Papers, Student (term); Reports, Student; Term papers; Themes, Student.

Student tours.
(National and international; combine travel and shipboard instruction)
Refer from American students in foreign countries; International education; Travel as education; Travel schools; (s): Tours, Student.

Student verse. *(U)*
Refer from Literature; (s): Verse, Student.
—Universities and colleges.
Refer from (s): College poetry; College verse.

Student volunteer movement.
Refer from Religious life—Students—Universities and colleges; Religious organizations—Universities and colleges.

Student yells. *(U)*
Refer from Student life; (s): Class yells; Yells.
—Universities and colleges.
Refer from (s): College cheers; College yells.

Students. *(U)*
See also Classical and non-classical students; Graduate students; Non-resident students; Philanthropy—Students; Special students; Wandering students; *also* entries beginning with the word Student; *also* Students used as a personnel subdivision *(P)* e.g. Attendance—Students.
Refer from Student body; (s): Scholars.
—Ages. *See* Ages—Students.
—Board and lodging. *See* Board and lodging—Students.
—Church attendance. *See* Church attendance—Students.
—Elementary schools.
See also Mentally superior—Elementary schools.
Refer from (s): Pupils.
—Food. *See* Food—Students.
—Health. *See* Health—Students.
—High schools.
See also Mentally superior—High schools.
Refer from High schools; (s): High-school students.
—Housing. *See* Board and lodging—Students.
—Intelligence. *See* Intelligence—Students.
—Nationalities.
—Self-help. *See* Student employment.
—Universities and colleges.
See also American students in foreign countries; Foreign students in the U. S.; Graduate students — Universities and colleges; Mentally superior—Universities and colleges; Non-resident students —Universities and colleges.
Refer from Universities and colleges; (s): College students; Undergraduates.

Students (men) *(U)*
—Universities and colleges.
Refer from (s): College men.

Students (women) *(U)*
—Universities and colleges.
Refer from Women—Higher education; (s): College women; University women.

Students, Interchange of. *See* Interchange—Students.

Students and politics.
Refer from Politics and education.

Students' marks. *See* Marks—Students.

Students' societies. *See* Student organizations and societies.

Studios. *See* Art rooms; Music rooms.

Study.
(Include teaching pupils how to study)
See also Assignments, Lesson; Association; Attention; Concentration; Deduction; Habit; Imitation; Induction; Induction and deduction; Library method;

Study—*(Continued)*
Memorizing; Motives; Notebook method; Reference books, Teaching use of; Reviews; Study periods; Supervised study; *also* Study used as a school-subject subdivision *(S)* e.g. Arithmetic—Study.
Refer from Learning; Teaching—Methods and technique; Teaching—Types; Textbooks; Thought and thinking.

Study, Courses of. *See* Courses of study.

Study clubs.
See also Book clubs; Music study clubs.
Refer from Adult education; Clubs; Self-education.

Study halls. *(U)*
Refer from (s): Study rooms.
—Administration. *(U)*
—Public schools.
(Include design, construction, color schemes, and equipment)
See also Lighting—School buildings.
Refer from Architecture, School.

Study periods.
Refer from Daily programs and time schedules; Discipline, School; Study.

Study preferences. *(P)*
Refer from Curricula.
—Students. *(U)*

Study programs.
See also After-school classes; Home study; Supervised study.
Refer from Student programs and schedules.

Study-recitation. *See* Supervised study.

Study rooms. *See* Study halls.

Stupid children. *See* Backward children; Dull children.

Stupor.
See also Inhibition.
Refer from Dementia precox; Epilepsy; Hysteria; Idiots and idiocy; Imbeciles and imbecility; Intoxication; Mania and manias; Melancholia; Movement disorders; Psychoses.

Stuttering.
(A defect in which words and syllables are difficult of pronunciation)
Refer from Speech defects.

Subconscious mind.
See also Dissociation; Dreams and dream states; Dual personality; Hypnosis; Lapses; Personality; Psychoanalysis; Reactions; Somnambulism; Suggestion; Telepathy.
Refer from Physiological psychology; Psychical research; Psychotherapy; (s): Subliminal self; Unconscious mind.

Subject age, quotient, and ratio.
See also Arithmetical age, quotient, and ratio; Reading age, quotient, and ratio.
Refer from Achievement tests; Age; Educational age and quotient; Mental age; (s): Subject quotient; Subject ratio.

Subject failures. *See* Failures—Students.

Subject-matter. *See* Courses of study.

Subject-matter, Professionalization of. *See* Professionalization of subject-matter.

Subject-matter elimination. *See* Elimination of subject-matter.

Subject-matter tests. *See* Achievement tests.

Subject promotions. *See* Promotions by subject.

Subject quotient. *See* Subject age, quotient, and ratio.

Subject ratio. *See* Subject age, quotient, and ratio.

Subject supervision.
Refer from Supervision of teaching.

Subject tests. *See* Achievement tests.

Subject unit-costs. *See* Unit-costs per school subject.

Subjective method. *See* Introspection.

Subjective tests. *(T)*
Refer from Achievement tests; Tests and scales.

Sublimation. *See* Substitutional method.

Subliminal self. *See* Psychical research; Subconscious mind.

Subnormal children. *See* Backward children; Dull children; Mentally deficient; Unstable children.

Subprimary group. *See* Preschool children.

Substitute teachers.
See also Absences—Teachers.
Refer from Teachers.

Substitution tests.
(Type of test or examination)
Refer from Tests—Types.

Substitutional method.
Refer from Discipline, School; Errors—Methods of correction; Habit; (s): Sublimation.

Subtraction.
(Complementary subtraction, borrowing and repaying, simple borrowing, addition or Austrian method, etc.)
Refer from Arithmetic; Checks on computations; Mathematics.

Suggestion.
See also Autosuggestion.
Refer from Character education; Hypnosis; Hysteria; Impulse; Learning; Psychology, Educational; Psychotherapy; Social psychology; Subconscious mind; Suicides—Students; Will.

Suicides. *(P)*
—Students. *(U)*
See also Examinations; Failures — Students; Fear; Suggestion.
Refer from Adolescence; Criminal psychology; Mortality—Students; Sociology, Educational.
—Elementary schools.
See also Corporal punishment.
Refer from Neurotic children.
—Universities and colleges.
—Teachers. *(U)*

Summer camps—Educational work.
Refer from Adult education; Backward children—Education; Camps and camping; Dull children—Education; Young men's Christian associations — Educational work; Young women's Christian associations — Educational work; (s): Camp schools.

Summer schools.
(Summer sessions in institutions of higher learning)
See also Chautauquas; Credit for outside work.
Refer from Adult education; Extension education; Four-quarter plan; Higher education; Length of year—Universities and colleges; Schools; Teacher training; Teacher training in service; Universities and colleges; (s): University summer schools.

Sunday-school classes.

Sunday-school conventions.
Refer from Religious education.

Sunday-school institutes.
Refer from Religious education—Teacher training.

Sunday-school libraries. *See* Libraries—Sunday schools.

Sunday-school officers.
See also Superintendents—Sunday schools.
Refer from Administration — Sunday schools.

Sunday-school teachers. *See* Teachers—Sunday schools.

Sunday schools. *(G)*
See also Charity schools; *also* Sunday schools used as a unit-of-school-organization subdivision *(U)* e.g. Teachers—Sunday schools.
Refer from Church schools; Philanthropy, Educational; Pietism and education; Religious education; Schools; (s): Bible schools.

— Administration. *See* Administration — Sunday schools.

—Cradle rolls.
Refer from (s): Cradle rolls—Sunday schools.

—Home departments.
Refer from (s): Home departments—Sunday schools.

—Junior departments.
Refer from (s): Junior departments—Sunday schools.

—Kindergarten departments.
Refer from (s): Kindergarten departments—Sunday schools.

—Primary departments.
Refer from (s): Primary departments—Sunday schools.

—Senior departments.
Refer from Adult education; (s): Senior departments—Sunday schools.

—Teacher-training departments.
Refer from Religious education—Teacher training; Teacher training — Sunday schools.

Superintendents. *(U)*
Refer from (s): Administrators, Educational.

—Public schools.
See also Assistant superintendents—Public schools; City superintendents—Public schools; County superintendents—Public schools; State superintendents—Public schools.
Refer from Administration — Public schools.

—Sunday schools.
Refer from Sunday-school officers.

Superior children. *See* Mentally superior.

Supernormal children. *See* Genius; Mentally superior; Special abilities.

Supervised play. *(G)*
See also Games.
Refer from Play; Playgrounds; (s): Directed play; Organized play; Play, Supervised.

Supervised study. *(U)*
See also Length of class periods; Remedial instruction; *also* Supervised study used as a school-subject subdivision *(S)* e.g. Arithmetic—Supervised study.
Refer from Individual differences—Adjustments — Public schools; Study; Study programs; Teaching—Methods and technique; (s): Directed learning; Directed study; Study-recitation.

Supervising principals.
(Those who devote their entire time to the work of supervision)
Refer from Consolidation of schools; Principals; Supervisors—Public schools.

Supervising teachers.
(Special teachers who both teach and supervise)
Refer from Supervisors—Public schools; Teachers—Public schools.

Supervision of teaching. *(G, U)*
See also Achievement tests—Uses; Apprentice teachers; Classification—Students; Comparative method; Courses of study; Critic teachers; Demonstration lessons; Heads of departments; Homogeneous grouping; Intelligence tests—Uses; Interviews and conferences; Marking systems; Measuring results in education; National supervision of teaching; Promotions—Students; Promotions—Teachers; Subject supervision; Supervisors and teachers; Teacher rating; Teachers' examinations; Unit supervision; Visitations, Class; *also* Supervision used as a school-subject subdivision *(S)* e.g. Arithmetic — Supervision.
Refer from Administration; State, The, and education; Surveys; Teacher training in service; Teaching.

—City schools.
(Include organization of the supervisory staff)
Refer from Administration—City schools; City boards of education; City superintendents—Public schools; (s): City school supervision.

—High schools.
Refer from (s): High-school supervision.

—Public schools.
See also County supervision of teaching; Daily programs and time schedules; Exhibits—Public schools; Lesson plans; Special education; Special supervisors—Public schools; State supervision of teaching; Student accounting — Public schools; Supervisors—Public schools; Teachers' manuals; Teachers' meetings.
Refer from Administration — Public schools; Bureaus of educational research —Public schools.

—Rural schools.
Refer from County supervision of teaching; District administration — Public schools; (s): Rural-school supervision.

Supervisors. *(G, U)*
See also Supervisors used as a personnel subdivision *(P)* e.g. Certification — Supervisors.

—Public schools.
See also Art supervisors; Certification—Supervisors; Coordinators; County supervisors — Public schools; Health supervisors — Public schools; Music supervisors; Special supervisors—Public schools; State supervisors—Public schools; Supervising principals; Supervising teachers.
Refer from Inspectors—Public schools; Student advisers and counselors—Public schools; Supervision of teaching—Public schools.

Supervisors and city superintendents. *See* City superintendents and supervisors.

Supervisors and principals. *See* Principals and supervisors.

Supervisors and teachers.
Refer from Supervision of teaching;

Supervisors and teachers—*(Continued)*
Teacher training in service; (s): Teachers and supervisors.

Supervisory certificates. *See* Certification—Supervisors.

Supplementary reading.
See also Required reading; *also* Supplementary reading used as a school-subject subdivision *(S)* e.g. Sociology—Supplementary reading.
Refer from Library method; Motivation in education; Reading; Textbooks; (s): Books, Supplementary; Collateral reading; Outside reading; Reading, Outside.

Supplies. *(U)*
(Articles which are consumed by use, e.g. pencils, ink, paper, crayon, etc.; include purchase and distribution)
See also Library supplies; *also* Equipment and supplies used as a subdivision under names of rooms, e.g. Laboratories—Equipment and supplies.
Refer from Assets; (s): Chalk and crayon.

—Costs. *(U)*
Refer from Costs and expenditures.

—Kindergartens. *See* Kindergarten supplies.

—Public schools.
(Include supplies used for administrative and instructional purposes, also for the operation of the school plant)
See also Buying methods—Public schools; Kindergarten supplies.
Refer from Business administration—Public schools.

Supply catalogs.
(Subdivide by names of firms)

Supply of teachers. *See* Teachers—Supply and demand.

Supply of universities and colleges. *See* Universities and colleges—Supply and demand.

Support of education.
(Include ability to support)
See also City support of education; County support of education; National support of education; State support of education.
Refer from Equalization, Educational; Finance; State, The, and education; Wealth and education; (s): Sources of income.

Surfaces of frequency. *See* Frequency tables and surfaces.

Survey tests. *(T)*
See also Achievement tests; Batteries of tests; Composite tests; Diagnosis tests; Intelligence tests.
Refer from Surveys—Public schools; Testing programs; Tests and scales.

Surveying. *(S, U)*
Refer from Mathematics.

Surveys. *(U)*
See also Agricultural surveys; Building surveys; Business reports; Classification—Students; Comparative method; Curricula; Educational guidance; Financial surveys; Marking systems; Programs of studies; Promotions—Students; Student accounting; Supervision of teaching; Teacher accounting; Teaching personnel; Vocational guidance; *also* Surveys used as a school-subject subdivision *(S)* e.g. Spelling—Surveys.

Surveys—*(Continued)*
Refer from Sociology, Educational; (s): Educational surveys.
—Administration. *(U)*
—Methods and technique. *(U)*
Refer from (s): Methods and technique.
—Public schools.
See also Batteries of tests; City surveys—Public schools; County surveys—Public schools; Daily programs and time schedules; Population studies; Programs of studies—Public schools; State surveys—Public schools; Survey tests; Testing programs; *also* Surveys used as a school-subject subdivision *(S)* e.g. Arithmetic—Surveys.
Refer from Administration — Public schools; (s): School surveys.
—Teacher participation. *(U)*
Refer from Teacher participation.
—Universities and colleges.
Refer from Administration—Universities and colleges; (s): Universities and colleges—Surveys.

Suspensions and reinstatements. *(P)*
—Students. *(U)*
Refer from Attendance—Students; Classroom management; Punishments and penalties; Student accounting; (s): Reinstatements—Students.
—Teachers. *(U)*
Refer from Teacher accounting; (s): Reinstatements—Teachers; Teachers—Reinstatements; Teachers—Suspensions.

Swedish language.
Refer from Modern languages; Scandinavian languages.

Swimming.
Refer from Athletics; Community-center activities; Exercise; Physical education; Water polo.

Swimming pools. *(U)*
Refer from Water polo; (s): Natatoria.
—Public schools.
(Include construction, equipment, and care of water)
See also Plumbing.
Refer from Architecture, School; Bathing facilities—Public schools; Baths, School; Gymnasiums—Public schools.

Syllabic method.
Refer from Phonetic method; Phonic method; Reading—Teaching—Methods and technique.

Symbolism and education.
See also Innate ideas.
Refer from Kindergarten education; Mysticism.

Sympathetic system. *See* Autonomic nervous system.

Sympathy.
See also Imitation.
Refer from Character education; Emotions; Humane education; Instincts; Recognition; (s): Kindliness.

Synaesthesia. *See* Synesthesia.

Synapses. *See* Nervous system; Neurones.

Synesthesia.
(Response to a stimulus acting on one sense by sensations belonging to a different sense)
See also Number form.
Refer from Auditory perception; Color; Senses and sensation; Tones; (s): Color and hearing; Color hearing; Conaesthesia; Conesthesia; Synaesthesia.

Syntax. *See* English language — Grammar; *also* Grammar used as a subdivision under names of other languages. Insert when needed.

Synthesis. *See* Analysis and synthesis.

Synthetic method.
Refer from Handwriting — Teaching — Methods and technique; Modern languages—Teaching—Methods and technique; Teaching — Methods and technique.

Syphilis.
(Acquired and congenital; include Wasserman test)
Refer from Clinical psychology; Heredity; Mentally deficient; Retardation, Mental; Sex education.

T

T-scores.
Refer from Test scores; Test scores—Transmutation.

Tabulating machines. *See* Tabulation, Machine.

Tabulation, Machine.
(Include tabulating and sorting machines)
Refer from Mechanical calculation; Test scores—Tabulation; (s): Machine tabulation; Sorting machines; Tabulating machines.

Tabulation of test scores. *See* Test scores—Tabulation.

Tactics (marching)
Refer from Gymnastics.

Tactual perception.
See also Tactual sensations.
Refer from Percepts and perception; (s): Touch.

Tactual sensations.
(Primarily the sensations of pressure)
Refer from Cutaneous sensations; Senses and sensation; Tactual perception; (s): Pressure.

Talent. *See* Special abilities.

Talent tests. *See* Aptitude tests.

Tapping tests.
Refer from Psychological tests.

Tardiness. *(P)*
—Students. *(U)*
Refer from Classroom management; Student accounting; (s): Punctuality—Students.
—Public schools.
Refer from Student cooperation and service—Public schools.
—Teachers. *(U)*
Refer from Teacher accounting.

Tasks as punishments. *See* Punishments and penalties.

Taste. *See* Gustatory perception.

Taste (esthetics) *See* Esthetics.

Taste buds. *See* Tongue.

Taxation, Exemption from.
Refer from Private schools; Taxation for education; (s): Exemption from taxation.

Taxation for education. *(G)*
(Include local, county, and state taxation)
See also Taxation, Exemption from.
Refer from County finance — Public schools; Finance—Public schools; Laws and legislation—Public schools; Revenues—Public schools; Sociology, Educational; State finance—Public schools.

Taxation for libraries. *(G)*
Refer from Libraries.

Teacher accounting. *(U)*
See also Absences—Teachers; Attendance—Teachers; Class-size; Failures—Teachers; Health—Teachers; Leaves of absence—Teachers; Morbidity—Teachers; Mortality—Teachers; Promotions—Teachers; Registration — Teachers;

Teacher accounting—*(Continued)*
Resignations — Teachers; Salaries — Teachers; Suspensions and reinstatements—Teachers; Tardiness—Teachers; Teacher turnover; Teachers—Amount of training and experience; Teachers—Assignment and transfer; Teachers—Selection and appointment; Teachers—Supply and demand; Teaching loads; Tenure—Teachers.
Refer from Administration; Student accounting; Surveys.

—Public schools.
Refer from Administration — Public schools.

—Record systems.
Refer from Record systems.

—Reporting systems.
Refer from Reporting systems.

—Reports.
Refer from Reports.

Teacher-advisers. *See* Student advisers and counselors.

Teacher bureaus. *See* Appointment bureaus.

Teacher efficiency. *See* Teacher rating.

Teacher-librarians.
Refer from Librarians—Public schools; Libraries—Public schools; Teachers.

Teacher loads. *See* Teaching loads.

Teacher participation. *(U)*
See also Administration—Teacher participation; Courses of study—Construction—Teacher participation; Research work—Teachers; Surveys—Teacher participation; Tests and scales—Teacher participation.
Refer from Teacher training in service.

Teacher placement. *(G, U)*
See also Appointment bureaus; Registration—Teachers; Teachers—Assignment and transfer; Teachers—Supply and demand; Teachers' agencies.
Refer from (s): Placement—Teachers; Teachers—Placement.

Teacher rating. *(U)*
See also Achievement tests for teachers; Achievements—Students; Recitations—Score cards.
Refer from Educational measurements; Supervision of teaching; (s): Rating; Teacher efficiency; Teaching efficiency.

—Score cards.
Refer from Score cards.

Teacher-student relationship. *See* Teachers and students.

Teacher tenure. *See* Tenure—Teachers.

Teacher training. *(G, U)*
See also Academies; Agricultural education—Teacher training; Americanization—Teacher training; Art education—Teacher training; Character education—Teacher training; Commercial education—Teacher training; Correspondence schools and courses; Critic teachers; Demonstration lessons; Elementary education—Teacher training; Health education—Teacher training; Higher education — Teacher training; Home-economics education—Teacher training; Industrial education—Teacher training; Kindergarten education—Teacher training; Laboratory schools; Lesson plans; Monitorial systems; Musical education—Teacher training; Observation of teaching; Observation schools; Oswego movement; Physical education — Teacher training; Practice schools; Practice

Teacher training—*(Continued)*
teaching; Professionalization of subject-matter; Reformatory education—Teacher training; Religious education—Teacher training; Rural education—Teacher training; Secondary education—Teacher training; Special education—Teacher training; State appropriations for education; Summer schools; Teachers—Amount of training and experience; Teachers' institutes; Teaching; University extension; *also* Teacher training used as a school-subject subdivision *(S)* e.g. Arithmetic—Teacher training.

Refer from Education; Professional education; Salaries—Teachers; State administration—Public schools; State, The, and education; Teachers—Qualifications; (s): Teachers—Preparation; Teachers—Training; Training of teachers.

—Curricula.

—High schools.

See also Normal training classes—High schools.

—Normal schools and teachers colleges.

—Sunday schools.

See also Sunday schools—Teacher-training departments.

—Universities and colleges.

See also Colleges of education; Departments of education—Universities and colleges; University elementary schools; University high schools.

Refer from (s): Universities and colleges—Teacher training.

Teacher training and practice.
(Include here data showing what a teacher teaches and what he was trained to teach)

Refer from Teaching loads.

Teacher training in service. *(U)*

See also Administration—Teacher participation; Correspondence schools and courses; Courses of study—Construction—Teacher participation; Demonstration lessons; Extension courses for teachers; Leaves of absence—Teachers; Lectures and lecture courses; Observation of teaching; Professional books and reading (education); Promotional examinations; Reading circles—Teachers; Research work—Teachers; Summer schools; Supervision of teaching; Supervisors and teachers; Teacher participation; Teachers' associations; Teachers' institutes; Teachers' meetings; Tests and scales—Teacher participation; Travel as education; University extension; Visitations, Class.

Refer from Professional growth (education); Promotions—Teachers; Salary schedules; (s): Improvement of teachers; Teachers—Training in service.

Teacher turnover. *(G, U)*

See also Tenure—Teachers.

Refer from Length of service—Teachers; Teacher accounting; (s): Turnover, Teacher.

Teacherages. *(G)*
(Include designs, types, and costs)

See also Teachers' homes.

Refer from Architecture, School; Board and lodging—Teachers; (s): Teachers—Housing; Teachers' cottages.

Teachers. *(G, U)*

See also Agriculture teachers; Apprentice teachers; Art teachers; Assistant teach-

Teachers—*(Continued)*
ers; Barring out teachers; Commercial teachers; Critic teachers; Departmental teachers; English teachers; Extra-professional activities—Teachers; French teachers; Geography teachers; German teachers; Governesses; Greek teachers; Health teachers; History teachers; Home-economics teachers; Home-room teachers; Industrial teachers; Italian teachers; Language teachers; Latin teachers; Law teachers; Mathematics teachers; Men as teachers; Modern language teachers; Music teachers; Negro teachers; Physical directors and teachers; Probationary teachers; Relief teachers; Retired teachers; Science teachers; Social-science teachers; Spanish teachers; Special teachers; Student-teachers; Substitute teachers; Teacher-librarians; Teaching loads; Traveling teachers; Ungraded teachers; Voice teachers; Women as teachers; *also* Teachers used as a personnel subdivision *(P)* e.g. Failures—Teachers; *also* names of individual teachers. N. B. Names of teachers are not included in this List. Insert when needed. Consult Codes and Subdivisions for code *(B)*

Refer from Classroom management; Education—Biography; Teaching personnel; (s): Classroom teachers; Instructors.

—Absences. *See* Absences—Teachers.

—Ages. *See* Ages—Teachers.

—Allowances for expenses. *See* Traveling expenses—Teachers.

—Amount of training and experience. *(G, U)*
Refer from Teacher accounting; Teacher training; Teachers — Qualifications; Teaching experience; (s): Teachers—Training.

—Appointment. *See* Teachers — Selection and appointment.

—Assignment and transfer. *(U)*
Refer from Teacher accounting; Teacher placement; (s): Assignment—Teachers; Teachers—Transfer; Transfers—Teachers.

—Board and lodging. *See* Board and lodging—Teachers.

—Certification. *See* Certification — Teachers.

—Church attendance. *See* Church attendance—Teachers.

—Contracts. *See* Contracts—Teachers.

—Dismissals. *See* Expulsions and dismissals—Teachers.

—Duties.

—Elementary schools. *(G)*
Refer from (s): Elementary-school teachers.

—Expenses. *See* Expenses—Teachers.

—Expulsions. *See* Expulsions and dismissals—Teachers.

—Failures. *See* Failures—Teachers.

—First grades. *(G)*
Refer from (s): Receiving teachers.

—Health. *See* Health—Teachers.

—High schools. *(G)*
Refer from (s): High-school teachers.

—Housing. *See* Board and lodging—Teachers; Teacherages.

—Insurance. *See* Insurance—Teachers.

—Junior high schools. *(G)*
Refer from (s): Junior high-school teachers.

—Kindergartens. *(G)*
Refer from (s): Kindergartners.

Teachers—*(Continued)*
—Legal status. *See* Legal status—Teachers.
—Length of service. *See* Length of service—Teachers.
—Licenses. *See* Certification—Teachers.
—Loyalty. *See* Loyalty—Teachers.
—Normal schools and teachers colleges. *(G)*
Refer from (s): Normal-school professors and instructors; Professors.
—Placement. *See* Teacher placement.
—Preparation. *See* Teacher training.
—Professional status. *See* Professional status—Teachers.
—Promotions. *See* Promotions—Teachers.
—Public schools. *(G)*
See also Accredited teachers; Nurses—Public schools; Supervising teachers.
Refer from Administration — Public schools; Student advisers and counselors —Public schools; (s): Public-school teachers.
—Qualifications.
See also Health—Teachers; Personality—Teachers; Teacher training; Teachers—Amount of training and experience; Teaching experience.
Refer from (s): Qualifications of teachers.
—Registration. *See* Registration — Teachers.
—Reinstatements. *See* Suspensions and reinstatements—Teachers.
—Resignations. *See* Resignations—Teachers.
—Rural schools. *(G)*
See also Boarding round of teachers.
Refer from (s): Rural-school teachers.
—Salaries. *See* Salaries—Teachers.
—Selection and appointment. *(G, U)*
(Include direct, direct-indirect, and indirect methods)
See also Applications for positions; Probationary year; Promotional examinations.
Refer from Teacher accounting; (s): Appointment—Teachers; Selection—Teachers; Teachers—Appointment.
—Public schools.
See also Certification—Teachers.
—Sickness. *See* Morbidity—Teachers.
—Social status. *See* Social status—Teachers.
—Sunday schools.
Refer from (s): Sunday-school teachers.
—Supply and demand. *(G, U)*
Refer from Teacher accounting; Teacher placement; (s): Demand for teachers; Shortage of teachers; Supply of teachers.
—Suspensions. *See* Suspensions and reinstatements—Teachers.
—Tenure. *See* Tenure—Teachers.
—Training. *See* Teacher training; Teachers—Amount of training and experience.
—Training in service. *See* Teacher training in service.
—Transfer. *See* Teachers — Assignment and transfer.
—Traveling expenses. *See* Traveling expenses—Teachers.
—Universities and colleges. *(G)*
See also Academic costumes; Interchange—Teachers—Universities and colleges; Leaves of absence—Teachers—Universities and colleges; Research work—Teachers — Universities and colleges; Sabbatical year — Teachers — Universities and colleges; Teaching loads—Uni-

Teachers—Universities and colleges—*(Continued)*
versities and colleges.
Refer from Faculties—Universities and colleges; Student advisers and counselors — Universities and colleges; Teaching personnel—Universities and colleges; Universities and colleges; (s): College professors; College teachers; Professors.

Teachers (men) *(G, U)*
See also Men as teachers.

Teachers (women) *(G, U)*
See also Women as teachers.

Teachers, Interchange of. *See* Interchange—Teachers.

Teachers' agencies. *(G)*
Refer from Teacher placement; (s): Agencies, Teachers' employment; Employment bureaus—Teachers; Teachers' employment agencies.

Teachers and city superintendents. *See* City superintendents and teachers.

Teachers and community. *See* Community and teachers.

Teachers and county superintendents. *See* County superintendents and teachers.

Teachers and parents. *See* Parents and teachers.

Teachers and politics.
Refer from Politics and education.

Teachers and principals. *See* Principals and teachers.

Teachers and research. *See* Research work—Teachers.

Teachers and students.
Refer from Student relationships; (s): Teacher-student relationship.

Teachers and superintendents. *See* City superintendents and teachers; County superintendents and teachers.

Teachers and supervisors. *See* Supervisors and teachers.

Teachers' associations. *(G)*
See also Appointment bureaus—Teachers' associations; Bureaus of educational research—Teachers' associations; City teachers' associations; County teachers' associations; Kindergarten associations; Mutual aid and annuity associations—Teachers; National teachers' associations; State teachers' associations; Teachers' clubs; Teachers' unions; *also* names of associations of teachers of specific school subjects, e.g. National federation of modern language teachers. N. B. Names of associations are not included in this List. Insert when needed.
Refer from Associations, Educational; Teacher training in service; (s): Societies.

Teachers' clubs.
Refer from Clubs; Teachers' associations.

Teachers colleges. *See* Normal schools and teachers colleges.

Teachers' cottages. *See* Teacherages.

Teachers' councils. *(U)*
Refer from Administration—Teacher participation; (s): Councils.
—Public schools. *(G)*
—Universities and colleges.
Refer from Faculties—Universities and colleges.

Teachers' employment agencies. *See* Teachers' agencies.

Teachers' ethics. *See* Professional ethics (education)

Teachers' examinations. *(G)*
(To test teachers' efficiency)
See also Examination systems—Teachers; Promotional examinations; Tests and scales for teachers.
Refer from Certification—Teachers; Examinations; Supervision of teaching; (s): Examinations, Teachers'.

Teachers' homes.
(Homes established for retired teachers)
Refer from Teacherages.

Teachers' institutes. *(G)*
See also County appropriations for education; Lectures and lecture courses; Library training classes; State appropriations for education.
Refer from County administration—Public schools; Library training for teachers; State administration — Public schools; Teacher training; Teacher training in service; (s): Institutes; Junior normal schools.

Teachers' judgments and test scores. *See* Test scores and teachers' judgments.

Teachers' manuals.
(Include teachers' editions of textbooks)
See also Teachers' manuals used as a school-subject subdivision *(S)* e.g. Arithmetic—Teachers' manuals.
Refer from Manuals and handbooks; Supervision of teaching—Public schools; Textbooks.

Teachers' meetings.
Refer from Faculty meetings — Public schools; Supervision of teaching—Public schools; Teacher training in service.

Teachers' rooms. *(U)*
Refer from Rest rooms.

—Public schools.
(Women's rest rooms, men's retiring rooms, and teacher preparation rooms; include location, construction, and equipment)
Refer from Architecture, School; Rest rooms—Public schools.

Teachers' unions. *(G)*
Refer from Teachers' associations; (s): Unions.

Teaching. *(G, U)*
(Include both the science and the art of teaching)
See also Classroom management; Cooperative teaching; Correction of exercises; Credit for teaching; Departmental plan; Libraries, Educational; Practice teaching; Psychology, Educational; Social psychology; Supervision of teaching; *also* Teaching used as a school-subject subdivision *(S)* e.g. Arithmetic—Teaching.
Refer from Administration; State, The, and education; Teacher training; (s): Didactics; Pedagogy.

—Aids and devices.
(Particular contrivances, frequently mechanical)
See also Apparatus—Public schools; Aquariums—Public schools; Busy work; Chalk-talks; Charts; Clay-modeling; Clubs; Flash cards; Games; Globes; Illustration (teaching device); Maps and atlases; Mnemonics; Museums; Newspapers and periodicals — Uses; Posters; Practice materials; Slates; Visual aids; *also* Teaching—Aids and devices used as a school-subject subdivision *(S)* e.g. Arithmetic—Teaching—Aids and devices.

Teaching—Aids and devices—*(Continued)*
Refer from Motivation in education; (s): Aids in teaching; Devices in teaching.
—High schools. *(G)*
See also Academic freedom — Public schools.
—Hygiene. *See* Hygiene of instruction.
—Kindergartens. *(G)*
See also Kindergarten activities; (s): Kindergarten methods of instruction.
—Methods and technique.
(General and specific modes of procedure and that which makes them art)
See also Analysis and synthesis; Assignments, Lesson; Biographical method; Blind—Methods of instruction; Blind-deaf—Methods of instruction; Case method; Catechetical method; Character education — Methods of instruction; Child study; Class discussions; Clinical method; Comparison, Method of; Competition; Concert recitation; Contextual method; Contrast; Conversational method; Copying; Correlation of school subjects; Correspondence schools and courses; Cramming; Deaf—Methods of instruction; Deductive method; Defining, Method of; Demonstration, Method of; Development method; Diacritical method; Dictation, Method of; Didactic method; Direct method (foreign languages); Dramatization; Drill; Ear training; Eclectic method; Epitome method; Examinations; Experiments, Teaching by; Extensive method; Form study; Free play; Group instruction; Heuristic method; Historical method; Home study; Imitation; Incidental method; Individual instruction; Inductive method; Information talks; Intensive method; Interest; Laboratory method; Lecture-demonstration method; Lecture method; Library method; Logical method; Manipulation as method; Monitorial systems; Natural method; Notebook method; Object teaching; Oral method; Play, Method of; Problem method; Project method; Question and answer method; Radio teaching; Reading method; Recitation, Method of; Remedial instruction; Reviews; Rhythm; Self-activity; Seminar method; Sense training; Socialized recitation; Spiral method; Story-telling; Student themes and papers; Study; Supervised study; Synthetic method; Textbook method; Topical method; Translation; Type-study, Method of; Visual education; *also* Teaching — Methods and technique used as a school-subject subdivision *(S)* e.g. Arithmetic —Teaching—Methods and technique; *also* names of educators and teachers with subdivision Educational theories and methods, e.g. Montessori, Maria—Educational theories and methods. N. B. Names of persons are not included in this List. Insert when needed.
Refer from Recitations; (s): Educational methods; Formal method; General methods of teaching; Methods and technique; Methods of teaching; Special methods of teaching.
—Psychology.
See also Psychology used as a school-subject subdivision *(S)* e.g. Reading—Psychology.
Refer from Psychology, Educational.
—Theories and principles.
See also Adjustment; Apperception; Con-

Teaching—Theories and principles—*(Continued)*
centration; Correlation of school subjects; Courses of study—Differentiation; Education—Aims and objectives; Habit; Individual differences; Interest; Learning; Memory; Mental development; Motivation in education; Motives; Objective method; Recapitulation theory; Self-activity; Sense training; Teaching—Types; Transfer of training.
Refer from Education—Theories and principles.

—Types.
(Being types of methods; complexes of applied principles)
See also Appreciation; Assignments, Lesson; Association; Deduction; Development method; Didactic method; Drill; Examinations; Experiments, Teaching by; Expression; Induction; Mental discipline; Object teaching; Practice; Recitations; Reviews; Self-activity; Study.
Refer from Teaching—Theories and principles; (s): Lesson types; Types of teaching.

—Universities and colleges. *(G)*
See also Academic freedom—Universities and colleges; Lecture method; Radio teaching—Universities and colleges.
Refer from (s): College teaching; Universities and colleges—Teaching.

Teaching, Freedom of. *See* Academic freedom.

Teaching as a profession.
See also Professional ethics (education)
Refer from Education as a profession.

Teaching by types. *See* Type-study, Method of.

Teaching efficiency. *See* Teacher rating.

Teaching experience.
See also Teachers—Amount of training and experience.
Refer from Experience; Teachers—Qualifications.

Teaching loads. *(U)*
See also Class-size; Correction of exercises; Courses of study; Curricula; Daily programs and time schedules; Extra-curricular activities; Free periods; Recitations; Sanitation—School buildings; Teacher training and practice.
Refer from Teacher accounting; Teachers; (s): Loads, Teaching; Teacher loads.

—Universities and colleges.
Refer from Faculties—Universities and colleges; Teachers—Universities and colleges.

Teaching orders and brotherhoods. *See* Catholic church—Teaching orders.

Teaching personnel. *(U)*
(Distribution, composition, age, sex, etc.)
See also Teachers.
Refer from Surveys; (s): Instructional staff.

—Universities and colleges.
See also Teachers—Universities and colleges.
Refer from Faculties—Universities and colleges.

Teams of tests. *See* Batteries of tests.

Technical arts. *See* Mechanic arts.

Technical education. *(G)*
(Pre-engineering education)

Technical education—*(Continued)*
See also Mechanic arts; Technical schools.
Refer from Education; Engineering education.

Technical schools. *(G)*
(Include technical high schools)
Refer from Engineering schools and colleges; High schools; Mechanic arts; Schools; Technical education.

Teeth.
—Care and hygiene.
Refer from Health—Students; Oral hygiene; (s): Care and hygiene; Dental hygiene; Hygiene, Dental.
—Diseases and defects.
Refer from Diseases and defects—Students; Retardation, Mental.
—Examinations.
See also Dental clinics; Dental inspection.
Refer from Medical examinations.

Telegraphy. *(S, U)*
Refer from Transportation.

Telepathy.
See also Mind reading.
Refer from Psychical research; Subconscious mind.

Telephone systems—School buildings.
Refer from Electric service systems—School buildings.

Telephone transmission schools.
Refer from Schools; Transportation education.

Temperament.
See also Health—Students; Temperament tests.
Refer from Clinical psychology; Emotions; Individual differences; Learning; Predisposition.

Temperament tests. *(T)*
(Tests to measure emotional qualities of behavior)
See also names of specific tests, e.g. Downey individual will-temperament tests. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Mental tests; Personality tests; Temperament; Tests and scales.

Temperance instruction. *(G, U)*
See also Alcohol and alcoholism; Narcotics and narcotic habits; Smoking; Stimulants.
Refer from Character education; Health education; Hygiene; Physiology, Human.

Temperature of rooms. *See* Heating standards; Thermostats.

Temperature spots. *See* Warm and cold spots.

Temporary lefts. *See* Attendance—Students.

Tennis. *(U)*
Refer from Athletic fields; Athletics; (s): Lawn tennis.

Tenure. *(P)*
—Principals—High schools.
—Teachers. *(U)*
See also Expulsions and dismissals—Teachers.
Refer from Length of service—Teachers; State administration—Public schools; Teacher accounting; Teacher turnover; (s): Academic tenure; Indefinite tenure; Teacher tenure; Teachers—Tenure.
—Public schools.
—Universities and colleges.

Term, Length of. *See* Length of year.

Term papers. *See* Student themes and papers.

Terminology, Educational.
See also Terminology used as a form sub-

Terminology, Educational—*(Continued)*
division *(F)* e.g. Statistics—Terminology.
Refer from (s): Education—Terminology; Educational terminology; Nomenclature, Educational.

Test scores.
See also B-scores; Central tendency, Measures of; Correlation; G-scores; Random sampling; Statistical methods; T-scores; Test scores and students' marks; Test scores and teachers' judgments; Tests and scales—Norms; Variability and dispersion, Measures of; *also* Test scores used as a school-subject subdivision *(S)* e.g. Reading—Test scores; *also* Scores used as a test subdivision *(T)* e.g. Intelligence tests—Scores.
Refer from (s): Derived scores; Point scores; Scores, Test; Tests and scales—Scores.

—Distributions.
(Whole and grouped, bimodel and multimodel, skewed and normal)
See also Frequency distributions.
Refer from (s): Distribution of scores.

—Graphic representations.
(Bar graphs, curves, frequency polygons, histograms or frequency surfaces, line of diagonals, percentile graphs, step grades, etc.)
See also Frequency tables and surfaces; Percentiles—Graphic representations.
Refer from Graphic methods.

—Evaluation.
Refer from (s): Evaluation of test scores.

—Tabulation.
See also Tabulation, Machine.
Refer from (s): Tabulation of test scores.

—Transmutation.
(Include combining and averaging measures, also charts and devices)
See also T-scores.
Refer from Tests and scales—Correlation; Tests and scales—Weighting; (s): Transmutation of test scores.

—Weighting.
See also Multiple correlation.
Refer from (s): Weighting of scores.

Test scores and students' marks.
Refer from Achievement tests—Scores; Correlation of abilities; Marks—Students; Test scores; (s): Marks and test scores.

Test scores and teachers' judgments.
Refer from Achievement tests—Scores; Correlation of abilities; Test scores; (s): Teachers' judgments and test scores.

Testing programs.
See also Achievement tests; Batteries of tests; Intelligence tests; Survey tests.
Refer from Measuring results in education; Surveys—Public schools.

Testing results in education. *See* Measuring results in education.

Tests—Types.
See also Analogies tests; Best-answer tests; Cancellation tests; Completion tests; Identification tests; Matching tests; Multiple-choice tests; Opposites tests; Recall tests; Recognition tests; Substitution tests; True-false tests.
Refer from Examinations; Objective examinations; Tests and scales; (s): Types of tests.

Tests and scales. *(T, U)*
See also Achievement tests; Aptitude tests; Character-trait tests; Commercial

Tests and scales—*(Continued)*
tests; Composite tests; Diagnosis tests; Emotional tests; Form-board tests; Intelligence tests; Maze tests; Mechanical tests; Mental tests; Objective examinations; Occupational tests; Performance tests; Personal equation; Personality tests; Physical ability tests; Physical tests; Power tests; Practice effects in testing; Practice tests; Procedure after testing; Professional tests; Prognosis tests; Psychological tests; Quality tests; Rate tests; Reasoning tests; Retesting; Social tests; Subjective tests; Survey tests; Temperament tests; Tests—Types; Tests and scales for teachers; Trade tests; Vocabulary tests and scales; Vocational tests; Volitional tests; *also* Tests and scales used as a school-subject subdivision *(S)* e.g. Arithmetic—Tests and scales; *also* names of specific tests and scales, e.g. Posey-Van Wagenen geography scales. N. B. Names of tests are not included in this List. Insert when needed.

Refer from Educational measurements; (s): Scales.

—Administration.

See also Administration used as a test subdivision *(T)* e.g. Achievement tests—Administration; Cross English test—Administration. N. B. Names of tests are not included in this List. Insert when needed.

—Characteristics.

See also Characteristics used as a test subdivision *(T)* e.g. History—Tests and scales—Characteristics; Intelligence tests—Characteristics; Stanford achievement test—Characteristics. N. B. Names of tests are not included in this List. Insert when needed.

—Classification.

See also Classification used as a test subdivision *(T)* e.g. Achievement tests—Classification.

—Construction.

See also Construction used as a test subdivision *(T)* e.g. Arithmetic—Tests and scales—Construction; Intelligence tests—Construction; Iowa spelling scales—Construction. N. B. Names of tests are not included in this List. Insert when needed.

Refer from (s): Scaling of tests and scales.

—Correlation.

See also Test scores—Transmutation; *also* Correlation used as a test subdivision *(T)* e.g. Achievement tests—Correlation; Arithmetic—Tests and scales—Correlation.

Refer from (s): Correspondence between tests; Tests and scales, Correspondence between.

—Evaluation.

See also Evaluation used as a test subdivision *(T)* e.g. History—Tests and scales—Evaluation; Prognosis tests—Evaluation; Buckingham extension of the Ayres spelling scale—Evaluation. N. B. Names of tests are not included in this List. Insert when needed.

—Norms.

See also Age norms; G-scores; Grade norms; Random sampling; *also* Norms used as a test subdivision *(T)* e.g. Courtis standard research tests, series B—

Tests and scales—Norms—*(Continued)*
Norms. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Test scores.

—Reliability.
(The degree of accuracy with which a test or scale measures)
See also Coefficients of correlation; Coefficients of reliability; Median deviation; Probable error; Random sampling; Statistical methods; *also* Reliability used as a test subdivision *(T)* e.g. Detroit word recognition test—Reliability. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Errors of measurement; Procedure after testing.

—Scores. *See* Test scores.

—Scoring.
See also Scoring used as a test subdivision *(T)* e.g. Achievement tests—Scoring; Arithmetic—Tests and scales—Scoring; Pressey intermediate classification test—Scoring. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Procedure after testing.

—Selection.
See also Selection used as a test subdivision *(T)* e.g. Intelligence tests—Selection; Reading—Tests and scales—Selection.

—Standardization.
See also Standardization used as a test subdivision *(T)* e.g. Achievement tests—Standardization; Charters diagnostic language tests—Standardization. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Procedure after testing; (s): Standardized tests.

—Teacher participation.
Refer from Teacher participation; Teacher training in service.

—Uses.
See also Uses used as a test subdivision *(T)* e.g. Intelligence tests—Uses; History—Tests and scales—Uses; Minnick geometry test—Uses. N. B. Names of tests are not included in this List. Insert when needed.

—Validity.
(The degree to which a test or scale measures that which it purports to measure)
See also Validity used as a test subdivision *(T)* e.g. Achievement tests—Validity; Briggs English form test—Validity. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Procedure after testing.

—Weighting.
See also Test scores—Transmutation; *also* Weighting used as a test subdivision *(T)* e.g. Achievement tests—Weighting; Stone reasoning test—Weighting. N. B. Names of tests are not included in this List. Insert when needed.
Refer from Procedure after testing.

Tests and scales, Correspondence between. *See* Tests and scales—Correlation.

Tests and scales for teachers. *(U)*
(These are to be administered to the teachers)
See also Achievement tests for teachers.
Refer from Teachers' examinations; Tests and scales.

Textbook commissions. *(G)*
(State and county)
Refer from Commissions, Educational;

Textbook commissions—*(Continued)*
County administration—Public schools; State administration — Public schools; Textbooks.

Textbook exhibits.
Refer from (s): Educational exhibits.

Textbook inventories.
Refer from Inventories; Textbooks.

Textbook method.
Refer from Astronomy—Teaching—Methods and technique; Chemistry—Teaching—Methods and technique; Civics—Teaching—Methods and technique; Didactic method; Economics—Teaching—Methods and technique; History—Teaching—Methods and technique; Hygiene — Teaching — Methods and technique; Latin language — Teaching — Methods and technique; Physics—Teaching—Methods and technique; Sociology — Teaching — Methods and technique; Teaching — Methods and technique.

Textbooks. *(U)*
See also Study; Supplementary reading; Teachers' manuals; Textbook commissions; Textbook inventories; *also* Textbooks separately and with its subdivisions used as a school-subject subdivision *(S)* e.g. Arithmetic — Textbooks; Arithmetic—Textbooks—History.
Refer from Assets; City boards of education; County boards of education; Courses of study; Eye—Care and hygiene; Hygiene of instruction; Reading—Hygiene; Recitations; State, The, and education; (s): School books.

—Adoption. *(G)*
(Include local, county, and state adoption)
Refer from County administration—Public schools; State administration—Public schools; Textbooks, Uniform; (s): Adoption of textbooks; County adoption of textbooks; State adoption of textbooks.

—Authorship.
Refer from (s): Authorship of textbooks.

—Costs.
(Include price regulations)
See also Textbooks, Free; Textbooks, Uniform.
Refer from Costs and expenditures.

—Elementary schools. *(G)*

—High schools. *(G)*

—History.
See also Accipies.

—Public schools. *(G)*
(Include lists of textbooks which have been authorized by state, county, and city governing bodies)
Refer from Administration — Public schools.

—Publication.
Refer from (s): Publication of textbooks; State publication of textbooks.

—Score cards.
(Include the rating of textbooks)
See also Textbooks—Score cards used as a school-subject subdivision *(S)* e.g. Agriculture—Textbooks—Score cards.
Refer from Score cards; Textbooks—Selection.

—Selection.
(Include qualities to be considered)
See also Textbooks—Score cards.
Refer from (s): Selection of textbooks.

—Standards.

Textbooks, Free.
Refer from Attendance—Students—Public schools; Economies — Public schools;

Textbooks, Free—*(Continued)*
Equalization, Educational; Textbooks—Costs; (s): Free textbooks.

Textbooks, Uniform.
See also Textbooks—Adoption.
Refer from Textbooks—Costs; (s): Uniform textbooks.

Textbooks for foreigners.
See also English language for foreigners.
Refer from Immigrants in the U. S.—Education.

Textile schools.
See also names of special schools. N. B. names of schools are not included in this List. Insert when needed.
Refer from Schools.

Textiles. *(S, U)*
Refer from Home-economics education.

Textual criticism.
(Purpose: the restoration of a document to its original form)
Refer from Source method.

Thanksgiving day.
(Include exercises and celebrations)
Refer from Holidays; Special days.

Theater, Children's. *See* Children's theater.

Theater, The, and education.
(Educational function of the theater as an institution)
Refer from Adult education; Drama in education; Esthetic education; Leisure; Recreation; Sociology, Educational.

Themes, Student. *See* Student themes and papers.

Theological education. *(G)*
Refer from Education; Professional education; Religious education; (s): Ministerial education.

Theological seminaries and schools. *(G)*
See also Chancellor's schools; Schools of religion, University.
Refer from Baptist church—Educational work; Church education; Congregational churches—Educational work; Disciples of Christ—Educational work; Evangelical church—Educational work; Lutheran church—Educational work; Methodist Episcopal church—Educational work; Missions—Educational work; Presbyterian church in the U. S. A.—Educational work; Protestant Episcopal church—Educational work; Religious education; Religious education—Teacher training; (s): Divinity schools.

Theology.
Refer from Metaphysics; Religious education.

Theories and principles. *See* Theories and principles used as a form subdivision *(F)* e.g. Education—Theories and principles.

Theory and practice.
(Philosophical connotations)
See also Activity.
Refer from Culture and cultural values; Experience; Pragmatism.

Therapeutic gymnastics. *See* Corrective gymnastics.

Thermostats.
Refer from Heating—School buildings; Heating standards; (s): Temperature of rooms.

Theses. *See* Dissertations, Academic.

Thinking. *See* Thought and thinking.

Third grades.
See also Third grades used as a unit-of-

Third grades—*(Continued)*
school-organization subdivision *(U)* e.g. Reading—Third grades.
Refer from Elementary schools; Primary grades.

Thought and thinking.
See also Adjustment; Attention; Conflict; Control; Deduction; Generalization; Generic image; Ideas and ideation; Imageless thought; Induction; Induction and deduction; Innate ideas; Intellect; Interactionism; Internal speech; Judgment; Language and languages; Logic; Meaning; Memory; Mental states, Doctrine of; Percepts and perception; Puzzles, Psychological; Reactions; Reason and reasoning; Soul-substance theory; Stimulus and response; Study.
Refer from Consciousness; Education — Theories and principles; Mind; Psychology; Reaction psychology; Self; Structural psychology; (s): Reflection; Thinking.

Thought content. *See* Images and imagery.

Thought-getting method.
See also Phrase method; Sentence method; Word method.
Refer from Comprehension in reading; Reading—Teaching—Methods and technique; Word recognition.

Three R's.
See also Arithmetic; Handwriting; Reading.

Threshold schools. *See* Vestibule schools.

Thrift education.
(Include thrift and savings clubs, going-to-college clubs, etc.)
See also Boy scouts; National thrift week; Savings banks—Public schools.
Refer from Character education; Education; Sociology, Educational.

Throat.
—Care and hygiene.
Refer from Health—Students; Oral hygiene; (s): Care and hygiene.
—Diseases and defects.
See also Colds; Croup; Diphtheria; Tonsils—Diseases and defects.
Refer from Diseases and defects—Students.
—Examinations.
Refer from Medical examinations.

Thyroid glands.
Refer from Cretinism; Glands, Ductless.

Tic. *See* Habit spasms.

Time, Reaction. *See* Reaction-time.

Time allotments.
See also Time allotments used as a school-subject subdivision *(S)* e.g. Arithmetic —Time allotments.
Refer from Daily programs and time schedules; Economy of time; Hygiene of instruction; Length of class periods; Order of school subjects.

Time perception.
See also Duration.
Refer from Percepts and perception; Stream of consciousness.

Time schedules. *See* Daily programs and time schedules.

Time tests. *See* Rate tests.

Tobacco, Use of. *See* Smoking.

Toilet facilities—School buildings.
(Include adequacy and arrangement of toilets, construction, distribution, fixtures, sanitation, and seclusion)
See also Plumbing; Privies, School; Sewage disposal—Public schools.
Refer from Architecture, School; Mechanical service systems—School buildings; Rest rooms—Public schools; Sanitation—School buildings; Service systems—School buildings; Ventilation—School buildings; (s): Latrines; Urinals.

Tone-word system.
Refer from Singing—Teaching—Methods and technique.

Tones.
(Include beats, chords, discords, combination tones, compound tones, consonance and dissonance, interference tones, pitch, timbre, etc.)
See also Auditory discrimination; Fusion; Synesthesia.
Refer from Acoustics; Auditory sensations; Music.

Tongue.
See also Gustatory sensations.
Refer from Sense organs; (s): Taste buds.

Tonic sol-fa.
Refer from Singing—Teaching—Methods and technique; (s): Sol-fa system.

Tonsilitis. *See* Tonsils—Diseases and defects.

Tonsils—Diseases and defects.
Refer from Diseases and defects—Students; Medical inspection; Retardation, Mental; Throat—Diseases and defects; (s): Tonsilitis.

Topical method.
See also Notebook method.
Refer from Deductive method; Geography—Teaching—Methods and technique; History—Teaching—Methods and technique; Mathematics—Teaching—Methods and technique; Reviews; Teaching—Methods and technique.

Topics, Current. *See* Current events.

Touch. *See* Tactual perception.

Touch reading.
(For blind)
Refer from Blind—Methods of instruction; Reading.

Tournaments. *(U)*
See also Contests.
Refer from Athletics.

Tours, Student. *See* Student tours.

Town school committees. *See* Township boards of education.

Township administration—Public schools.
(Include that of the New England town)
See also Township boards of education; Township finance—Public schools.
Refer from Administration—Public schools; County administration—Public schools.

Township boards of education.
(Include those of the New England town; also their duties, legal status, organization, meetings, number of members, method of selection and appointment, length of service, rating, and salaries)
Refer from Boards of education; Township administration—Public schools; (s): Town school committees.

Township finance—Public schools.
(Include that of the New England town)
Refer from Finance—Public schools; Township administration—Public schools.

Township high schools. *(G)*
Refer from Consolidated schools; High schools; Schools.

Townships, School.
See also Districts, School.

Toxins and antitoxins.
Refer from Diphtheria; Inoculation; Scarlet fever; Typhoid fever; (s): Antitoxins; Inoculation tests.

Trachoma.
Refer from Communicable diseases; Eye —Diseases and defects.

Track and field athletics. *(U)*
(Include running events, jumps, and weight-throwing contests)
See also Running; Track meets.
Refer from Athletic fields; Athletics; Physical education; (s): Field athletics.

Track meets. *(U)*
See also Track and field athletics.
Refer from (s): Field meets.

Trade education. *See* Industrial education.

Trade schools. *(G)*
(Vocational industrial-education schools)
Refer from Industrial education; Schools.

Trade tests. *(T)*
(Tests to show what a man knows or can do in an occupation in which he has had some experience)
Refer from Industrial education; Tests and scales; Vocational tests.

Trade unions—Educational work. *See* Labor unions—Educational work.

Tradition and education.
Refer from (s): Education and tradition.

Traffic regulation—Students. *(U)*
—Public schools.
Refer from Student cooperation and service—Public schools.

Training, Manual. *See* Manual training.

Training, Physical. *See* Gymnastics; Physical education.

Training camps, Military. *See* Military training camps.

Training classes for public-school engineers. *See* Engineers—Training classes—Public schools.

Training classes for public-school janitors. *See* Janitors — Training classes — Public schools.

Training classes in high schools. *See* Normal training classes—High schools.

Training for citizenship. *See* Citizenship education.

Training in location. *See* Location, Training in.

Training of memory. *See* Memory training.

Training of play directors. *See* Play directors—Training.

Training of teachers. *See* Teacher training.

Training ships.
See also Nautical training schools.
Refer from Nautical education; (s): School ships.

Trait tests. *See* Character-trait tests.

Trance.
Refer from Hypnosis; Hysteria; Sleep.

Transcendentalism.
(Philosophical and educational connotations)
Refer from Education—Theories and principles; Idealism; Philosophy.

Transfer of habits. *See* Cross education.

Transfer of practice. *See* Cross education.

Transfer of training.
(In specific mental functions and in abilities in school subjects)
See also Character; Correlation of school subjects; Facilitation; Inhibition; Puzzles, Psychological.
Refer from Ability; Curricula; Education — Europe — 17th century; Education — Theories and principles; Effort; Enlightenment and education; Faculty psychology; Formal education; Intelligence; Interest; Latin language; Learning; Mental discipline; Psychology, Educational; Soul-substance theory; Special abilities; Teaching—Theories and principles; (s): Discipline, Formal; Formal discipline; Spread of improvement.

Transfers. *(P)*
—Students. *(U)*
Refer from Attendance—Students.
—Teachers. *See* Teachers—Assignment and transfer.

Translation.
(Include sight work)
See also Ponies (translations)
Refer from Greek language—Teaching—Methods and technique; Latin language—Teaching—Methods and technique; Modern languages—Teaching—Methods and technique; Teaching—Methods and technique.

Transmissible diseases. *See* Communicable diseases.

Transmutation of test scores. *See* Test scores—Transmutation.

Transportation. *(S, U)*
(Treats of telephony, telegraphy, shipping, delivery systems, etc.)
See also Telegraphy.
Refer from Commercial education; Transportation education.
—Students. *(G, U)*
See also State appropriations for education.
Refer from Consolidation of schools; Costs and expenditures; Crippled children—Education; (s): Conveyance of students; School buses.
—Rural schools.
Refer from (s): Rural-school transportation.

Transportation education. *(G)*
See also Telephone transmission schools; Transportation.
Refer from Education; Vocational education.

Travel as education.
See also Excursions; Interchange—Students; Student tours; Travel schools; Wandering students.
Refer from Adult education; Education—Europe — Medieval period; Extension education; International education; Object teaching; Realism in education; Renaissance, The, and education; Teacher training in service; World peace and education.

Travel schools.
See also Floating universities; Student tours.
Refer from International education; Schools; Travel as education; (s): Floating schools.

Traveling educational exhibits.
(Include demonstration trains)
See also Art—Exhibitions.

Traveling educational exhibits—*(Continued)*
Refer from Exhibitions, Educational; (s): Educational exhibits; Museums, Traveling.

Traveling expenses. *(P)*
Refer from Costs and expenditures; (s): Allowances for expenses.

—City superintendents—Public schools.

—Teachers. *(U)*
Refer from Expenses — Teachers; (s): Teachers — Allowances for expenses; Teachers—Traveling expenses.

—Public schools.
Refer from Costs and expenditures—Public schools.

Traveling libraries. *(G)*
(Include package libraries)
See also Classroom libraries.
Refer from County libraries; Libraries; Public libraries and schools; State libraries; University extension.

Traveling teachers.
Refer from Education—Europe—Medieval period; Teachers.

Tree planting. *(G, U)*
Refer from Forests—Public schools; Landscape gardening.

—Public schools.
Refer from Arbor day.

Tremors.
Refer from Movement disorders.

Trial and error method.
Refer from Animal psychology; Learning; Preschool education; Reason and reasoning; (s): Problem solving (in general)

Trigonometry. *(S, U)*
Refer from Mathematics.

Trips, School. *See* Excursions—Public schools.

Trivium.
See also Grammar; Logic; Rhetoric.
Refer from Liberal arts.

Truancy officers. *See* Attendance officers—Public schools.

Truant schools. *See* Parental schools.

Truants and truancy.
See also Census, School; Juvenile courts; Migratory instinct; Parental schools.
Refer from Absences — Students — Public schools; Attendance—Students—Public schools; Attendance departments—Public schools; Child study; Delinquent children; Juvenile delinquency.

True-false tests.
(Type of test or examination)
Refer from Recognition tests; Tests — Types.

Trustees, Boards of. *See* Boards of trustees —Universities and colleges.

Try-out courses.
Refer from Exploratory courses; Prevocational education; (s): Revealing courses; Seventh-grade try-out.

Tuberculosis.
Refer from Communicable diseases; Health—Teachers; Retardation, Mental; Tuberculous children.

Tuberculous children.
See also Tuberculosis.
Refer from Children; Physically handicapped.

—Education.
See also Open-air schools.
Refer from Special education.

Tuition fees. *(U)*
Refer from Expenses—Students; Fees;

Tuition fees—*(Continued)*
Non-resident students; Revenues.
—Public schools. *(G)*
Refer from Costs and expenditures—Public schools; Revenues—Public schools.
—Universities and colleges.
Refer from Revenues—Universities and colleges.

Turnover, Teacher. *See* Teacher turnover.

Tutors and tutoring.
Refer from Higher education; Individual differences — Adjustments; Individual instruction; (s): Coaches and coaching (academic); Private teachers.

Twenty-four-hour-day schools.
Refer from Preschool education; Reformatory education; Special education; Unstable children—Education.

Twins.
Refer from Individual differences; Intelligence; Siblings.

Type-study, Method of.
Refer from Geography—Teaching—Methods and technique; Inductive method; Teaching—Methods and technique; (s): Teaching by types.

Types of buildings. *See* Buildings—Types.

Types of mental functioning. *See* Mental functioning, Types of.

Types of teaching. *See* Teaching—Types.

Types of tests. *See* Tests—Types.

Typewriting. *(S, U)*
Refer from Commercial education; Writing; (s): Typing.

Typhoid fever.
See also Toxins and antitoxins.
Refer from Communicable diseases.

Typing. *See* Typewriting.

U

Unconscious mind. *See* Subconscious mind.

Under-age children. *See* Mentally superior.

Underageness. *See* Acceleration—Students.

Undergraduates. *See* Students—Universities and colleges.

Understanding. *See* Judgment.

Ungraded rooms. *(G)*
(A room devoted to students whose difficulties are chiefly mental)
See also Ungraded teachers.
Refer from Attendance departments—Public schools; Backward children—Education; Dull children—Education; Mentally deficient—Education; Special education; (s): Adjustment rooms; Opportunity classes.

Ungraded schools. *See* Rural schools.

Ungraded teachers. *(G)*
Refer from Special education; Special teachers; Teachers; Ungraded rooms.

Uniform textbooks. *See* Textbooks, Uniform.

Uniforms. *(P)*
See also Academic costumes.
—Students. *(U)*
Refer from Clothing—Students.
—High schools.
Refer from (s): High-school uniforms.
—Teachers. *(U)*

Union high schools. *(G)*
Refer from Consolidated schools; High schools; Schools.

Unions. *See* Commons and unions; Teachers' unions.

Unison class exercises. *See* Concert recitation.

Unit-costs. *(U)*
Refer from Comparative costs; Costs and expenditures.
—Public schools.
Refer from Budgets and budgetary procedures—Public schools; Costs and expenditures—Public schools; Finance—Public schools; (s): Unit school costs.
—Universities and colleges.
Refer from Finance—Universities and colleges.

Unit-costs per grade.
Refer from (s): Grade unit-costs.

Unit-costs per school subject.
Refer from (s): School-subject unit-costs; Subject unit-costs.

Unit-costs per student. *(U)*
Refer from (s): Costs per student; Per-student costs; Student costs; Student-hour unit-costs.

Unit courses.
(Courses of instruction which are not intended as preliminary to other courses but exist for themselves)
Refer from Courses of study; Curricula.

Unit operations.
Refer from Job analysis.

Unit school costs. *See* Unit-costs—Public schools.

Unit supervision.
Refer from Supervision of teaching.

United States. Department of education (proposed)
Refer from United States—Government and education; (s): Department of education—U. S.; Educational department—U. S.; Federal department of education.

United States—Government and education.
See also Indians in the U. S.—Education; National appropriations for education—U. S.; National supervision of teaching—U. S.; National support of education—U. S.; National university for the U. S.; United States. Department of education (proposed)
Refer from Administration — Public schools; State, The, and education; (s): Federal government and education.

United States—History. *(S, U)*
Refer from (s): American history.

Units of credit. *See* Credits and credit systems.

Universal education. *See* Democracy and education; Equalization, Educational.

Universities. *(G)*
Refer from Universities and colleges.

—Colleges.
See also Agricultural colleges; Colleges of commerce; Colleges of education; Colleges of liberal arts; Colleges of science; Deans of colleges; Engineering schools and colleges; Graduate schools; Law schools and colleges; Medical schools and colleges; Pharmaceutical colleges; Veterinary colleges.
Refer from (s): Colleges of universities.

Universities and colleges. *(G)*
See also Affiliated colleges; Alumni—Universities and colleges; Athletics—Universities and colleges; Bureaus of educational research—Universities and colleges; Commencements — Universities and colleges; Floating universities; Freshman class—Universities and colleges; International universities; Junior class—Universities and colleges; Junior colleges; Junior colleges—Universities and colleges; Land-grant colleges; Libraries — Universities and colleges; Municipal universities and colleges; National university for the U. S.; Research—Universities and colleges; Scholarships and fellowships; Schools of religion, University; Senior class—Universities and colleges; Senior colleges; Sophomore class—Universities and colleges; State universities and colleges; Student life—Universities and colleges; Students—Universities and colleges; Summer schools; Teachers—Universities and colleges; Universities; Universities and colleges (men); Universities and colleges (women); Universities and colleges, Denominational; Universities and colleges, Endowed; University extension; *also* Universities and colleges used as a unit-of-school-organization subdivision *(U)* e.g. Dramatics—Universities and colleges; *also* names of specific universities and colleges. N. B. Names of universities and colleges are not included in this List. Insert when needed.
Refer from Higher education; (s): Colleges and universities.

Universities and colleges—*(Continued)*
—Administration. *See* Administration — Universities and colleges.
—Appointment bureaus. *See* Appointment bureaus—Universities and colleges.
—Articulation. *See* Articulation—Universities and colleges.
—Associations. *See* Associations—Universities and colleges.
—Attendance. *See* Attendance—Students—Universities and colleges.
—Buildings. *See* Buildings — Universities and colleges.
—Business administration. *See* Business administration — Universities and colleges.
—Charters. *See* Charters—Universities and colleges.
—**Choice and selection.**
Refer from (s): Choice of university or college; Selection of university or college.
—Colors. *See* Colors—Universities and colleges.
—Continuous sessions. *See* Four-quarter plan.
—Correspondence courses. *See* University extension.
—Costumes. *See* Academic costumes.
—Curricula. *See* Curricula — Universities and colleges.
—**Departments.**
See also Art schools; Departments of education — Universities and colleges; Heads of departments — Universities and colleges; Home-economics schools; Physical-education schools.
Refer from (s): Departments of universities and colleges.
—Enrollment. *See* Enrollment—Students—Universities and colleges.
—Entrance requirements. *See* Entrance requirements—Universities and colleges.
—Faculties. *See* Faculties — Universities and colleges.
—Finance. *See* Finance—Universities and colleges.
—Governing boards. *See* Boards of trustees—Universities and colleges.
—Graduates. *See* Graduates—Universities and colleges.
—Graduation requirements. *See* Graduation requirements — Universities and colleges.
—Health service. *See* Health service—Universities and colleges.
—**History.**
See also Gilds, Medieval — Educational work.
Refer from Education—Europe—Medieval period; Education — Rome — History; Education—U. S.—Colonial period; Reformation, The, and education; Renaissance, The, and education.
—Insignia. *See* Insignia—Universities and colleges.
—Length of course. *See* Length of course—Universities and colleges.
—**Location.**
(Include city versus country colleges)
See also Student body—Universities and colleges.
Refer from (s): Location of universities and colleges.
—Moral conditions. *See* Student morality—Universities and colleges.

Universities and colleges—*(Continued)*
—Personnel service. *See* Personnel service—Universities and colleges.
—Registration. *See* Registration—Students—Universities and colleges.
—Religious life. *See* Religious life—Students—Universities and colleges; Religious life—Teachers—Universities and colleges.
—Reports. *See* Reports—Universities and colleges.
—Rules and regulations. *See* Rules and regulations—Universities and colleges.
—Social life. *See* Social functions and activities—Universities and colleges.
—Standards. *See* Standards—Universities and colleges.
—Statistics. *See* Statistics—Universities and colleges.
—Supply and demand.
Refer from (s): Demand for universities and colleges; Supply of universities and colleges.
—Surveys. *See* Surveys—Universities and colleges.
—Teacher training. *See* Teacher training—Universities and colleges.
—Teaching. *See* Teaching—Universities and colleges.
—U. S.
See also Accredited universities and colleges; Land-grant colleges.
Refer from (s): American colleges.
—War work.
Refer from (s): War work—Universities and colleges.

Universities and colleges (men) *(G)*
See also Affiliated colleges; *also* names of special universities and colleges. N. B. Names of universities and colleges are not included in this List. Insert when needed.
Refer from Universities and colleges; (s): Colleges for men.

Universities and colleges (women) *(G)*
See also Affiliated colleges; *also* names of colleges for women. N. B. Names of colleges are not included in this List. Insert when needed.
Refer from Universities and colleges; Women—Higher education; (s): Colleges for women; Collegiate education of women.

Universities and colleges, Denominational. *(G)*
See also Colleges of liberal arts.
Refer from Baptist church—Educational work; Catholic church—Educational work; Church boards of education; Church education; Congregational churches—Educational work; Disciples of Christ—Educational work; Evangelical church—Educational work; Friends, Society of—Educational work; Lutheran church—Educational work; Methodist Episcopal church—Educational work; Presbyterian church in the U. S. A.—Educational work; Protestant Episcopal church—Educational work; Universities and colleges; (s): Church colleges; Denominational colleges and universities.

Universities and colleges, Endowed. *(G)*
See also Endowments—Universities and colleges.
Refer from Universities and colleges.

University (steamship) *See* Floating universities.

University clubs. *(G)*
Refer from Clubs; Graduates (men)—Universities and colleges.

University degrees. *See* Degrees, Academic.

University drama. *See* Dramatics—Universities and colleges; Plays—Universities and colleges.

University education. *See* Higher education.

University elementary schools. *(G)*
Refer from Elementary schools; Experimental schools; Laboratory schools; Schools; Teacher training—Universities and colleges.

University extension. *(G)*
See also Agricultural extension; Correspondence schools and courses; Debates and debating; Evening schools; Extension courses for teachers; Extra-mural classes — Universities and colleges; Home-economics extension; Lectures and lecture courses; Non-resident students—Universities and colleges; Radio teaching — Universities and colleges; Traveling libraries.
Refer from Absentia work; Extension education; Higher education; Self-education; Teacher training; Teacher training in service; Universities and colleges; (s): Universities and colleges—Correspondence courses.

University graduates. *See* Graduates—Universities and colleges.

University high schools. *(G)*
Refer from Experimental schools; High schools; Laboratory schools; Schools; Teacher training—Universities and colleges.

University of Cincinnati plan.
Refer from Cooperative education.

University presses.
Refer from Publications—Universities and colleges.

University schools of religion. *See* Schools of religion, University.

University senates. *See* Faculties—Universities and colleges.

University settlements.
(Include all settlement work engaged in by students)
Refer from Welfare work—Students—Universities and colleges; (s): College settlements.

University summer schools. *See* Summer schools.

University women. *See* Graduates (women)—Universities and colleges; Students (women)—Universities and colleges.

Unmanageable children. *See* Delinquent children.

Unstable children.
See also Delinquent children; Mirror writing; Moral insanity; Neurotic children; Psychopathic children.
Refer from Abnormal psychology; Atypical children; Children; (s): Afflicted children; Defectives; Emotionally unstable children; Erratic children; Nervously handicapped children; Problem children; Subnormal children.

—Education.
See also Twenty-four-hour-day schools.

Upkeep—Buildings. *See* Repairs and replacements—Buildings.

Urinals. *See* Toilet facilities—School buildings.

Uses of examinations. *See* Examinations—Uses.

Uses of newspapers and periodicals. *See* Newspapers and periodicals—Uses.

Uses of students' marks. *See* Marks—Students—Uses.

Uses of tests. *See* Uses used as a test subdivision *(T)* e.g. Tests and scales—Uses.

Utilitarianism.
Refer from Education—Aims and objectives; Ethics; Hedonism.

Utility theory.
Refer from Instincts.

Utopias and education.
Refer from Education—Theories and principles.

V

Vacation church schools. *See* Daily vacation church schools.

Vacation colonies.
Refer from Art education; Literature.

Vacation schools. *(G)*
(Summer sessions of schools of elementary and secondary rank)
See also Daily vacation church schools; Health play schools.
Refer from Administration—City schools; All-year schools; Backward children—Education; Dull children—Education; Extension education; Philanthropy, Educational.

Vacations.
See also Employment certificates; Holidays; Student employment.
Refer from Administration — Public schools; Health—Teachers; Hygiene of instruction; State administration—Public schools.

Vaccination.
Refer from Entrance requirements—Universities and colleges; Health service—Universities and colleges; Inoculation; Smallpox; (s): Compulsory vaccination.
—Laws and legislation.

Vacuum cleaning systems—School buildings.
Refer from Cleaning systems—School buildings.

Vacuum fan systems.
Refer from Ventilation—School buildings; (s): Fan systems of ventilation.

Validation of credits. *See* Credits and credit systems.

Validity of tests. *See* Validity used as a test subdivision *(T)* e.g. Tests and scales—Validity.

Valuation—Buildings. *See* Appraisal—Buildings.

Valuation—Plants. *See* Appraisal—Plants.

Value of athletics. *See* Athletics—Value.

Values, Educational. *See* Education—Value; *also* Value used as a school-subject subdivision *(S)* e.g. Arithmetic—Value; *also* Value used as a subdivision under types of education, e.g. Higher education—Value.

Variability and dispersion, Measures of.
See also Mean deviation; Median deviation; Range; Regression; Semi-interquartile range; Standard deviation.
Refer from Statistical methods; Test scores; Variation; (s): Deviation of measures; Dispersion, Measures of.

Variable errors. *See* Errors of measurement.

Variables in curricula. *See* Curricula—Variables.

Variation.
(Psychological and philosophical connotations)
See also Individual differences; Variability and dispersion, Measures of.
Refer from Education—Theories and principles; Natural selection.

Varnishing (school subject) *See* Painting and varnishing.

Vasomotor processes.
See also Ambidexterity; Emotional expression; Left- and right-handedness.
Refer from Emotions; Motor processes; (s): Circulatory activities.

Ventilation—School buildings.
See also Air filtration; Attics—School buildings; Basements—School buildings; Cloakrooms—School buildings; Gravity systems; Plenum fan systems; Toilet facilities—School buildings; Vacuum fan systems; Window ventilation.
Refer from Air of classroom; Architecture, School; Efficiency; Heating—School buildings; Sanitation—School buildings; Service systems — School buildings.

Verbal tests. *See* Intelligence tests.

Verbalism in education.
(Verbal realism; the learning of things indirectly through reading)
Refer from Education—Theories and principles; Learning; Realism in education; (s): Humanistic realism; Realism, Verbal.

Verification.
(Philosophical and educational connotations)
Refer from Deductive method; Hypothesis; Induction; Reason and reasoning; (s): Rediscovery, Method of.

Vernacular, Teaching in the.
See also Black death and education; Latin language in the schools.
Refer from Bilingual schools; Education—History; Pietism and education.

Verse, Student. *See* Student verse.

Versification. *(S, U)*
See also Prosody.

Vertical handwriting.
Refer from Handwriting — Hygiene; Handwriting—Teaching—Methods and technique.

Vertigo.
Refer from Ear—Diseases and defects; Epilepsy; Hysteria; Medical inspection; Movement disorders; Senses and sensation; Static sense; (s): Dizziness; Semicircular canals.

Vestibule schools.
(Schools in the trades and industries for the training or breaking in of new employees not apprentices)
Refer from Corporation schools; Industrial education; Plant schools; Schools; (s): Threshold schools.

Vestibules—School buildings. *See* Stairways and corridors—School buildings.

Vestigial instincts. *See* Instincts.

Veterinary colleges. *(G)*
(Include those maintained by universities)
Refer from Universities—Colleges; Veterinary education.

Veterinary education. *(G)*
See also Animal husbandry; Veterinary colleges; Veterinary medicine.
Refer from Agricultural education; Education; Medical education.

Veterinary medicine. *(S)*
Refer from Veterinary education.

Victrolas. *See* Phonographs and victrolas.

Village schools. *See* Rural schools.

Visible speech. *See* Sign language.

Vision. *See* Visual perception.

Vision, Tests of. *See* Eye—Examinations.

Visitations, Class. *(U)*
(Include visiting for inspection as well as for the less critical types)
See also Observation of teaching.
Refer from Community and school; Home and school; Supervision of teaching; Teacher training in service; (s): Class visitations.

Visiting teachers. *(G)*
Refer from Americanization; Attendance —Students—Public schools; Attendance departments — Public schools; Health supervision—Public schools; Home and school; Home schools; Immigrants in U. S.—Education; Student advisers and counselors—Public schools; (s): Home teachers.

Visits, School (trips) *See* Excursions—Public schools.

Visual acuity. *See* Eye—Examinations.

Visual aids.
(Natural objects, pictorial substitutes, schematic representations, symbolic substitutes, etc.)
See also Charts; Films, Educational; Illustration (teaching device); Maps and atlases; Microscopes; Motion-picture machines; Pictures; Picturols; Posters; Slides; Stereographs; Stereopticons; Stereoscopes.
Refer from Apparatus—Public schools; Arithmetic—Teaching—Aids and devices; Astronomy—Teaching—Aids and devices; Geography — Teaching — Aids and devices; Geology—Teaching—Aids and devices; History—Teaching—Aids and devices; Hygiene—Teaching—Aids and devices; Latin language—Teaching —Aids and devices; Modern languages —Teaching—Aids and devices; Objective method; Reading—Teaching—Aids and devices; Spelling—Teaching—Aids and devices; Teaching—Aids and devices; Visual education.

Visual discrimination.
Refer from Discrimination; Visual perception.

Visual education. *(G)*
See also Excursions; Motion pictures in education; Visual aids.
Refer from Education; Object teaching; Teaching—Methods and technique.

Visual fields. *See* Fields of vision.

Visual imagery. *See* Eye mindedness.

Visual perception.
(Include the importance of sight in education)
See also Binocular vision; Corresponding points; Double images; Eye movements; Optics; Patterns (psychology); Visual discrimination; Visual sensations.
Refer from Observation; Percepts and perception; Reading — Psychology; (s): Sight; Vision.

Visual sensations.
See also After-images; Color.
Refer from Optics; Senses and sensation; Visual perception.

Visual tests.
See also Color discrimination tests; *also* names of specific tests, e.g. Holmgren test. N.B. Names of tests are not included in this List. Insert when needed.
Refer from Eye—Examinations; Physical tests.

Visualization. *See* Eye mindedness.

Vital statistics. *See* Mortality — Students; Mortality—Teachers.

Vivariums. *(U)*
Refer from Animal husbandry.

—Public schools.
Refer from Zoology.

Vocabulary studies.
See also Vocabulary studies used as a school-subject subdivision *(S)* e.g. Geography—Vocabulary studies.

Vocabulary tests and scales. *(T)*
Refer from Reading—Tests and scales; Tests and scales.

Vocal culture. *See* Voice culture.

Vocal music. *See* Singing; Voice culture.

Vocational agriculture. *(S, U)*
See also Agronomy; Animal husbandry; Farm management; Farm mechanics; Gardens, School; Home projects; Horticulture; Soils.
Refer from Agricultural education; Vocational education; (s): Agriculture, Vocational.

—Home projects.

—Teaching.

—Aids and devices.
See also Charts.

—Methods and technique.
See also Agricultural surveys.

Vocational and liberal educations. *See* Liberal and vocational educations.

Vocational civics. *(S, U)*
Refer from Civics; Occupational instruction; Social sciences; (s): Occupations (school subject)

Vocational conferences. *(U)*
Refer from Vocational guidance.

Vocational counseling. *See* Counseling systems; Vocational guidance.

Vocational counselors. *See* Student advisers and counselors.

Vocational education. *(G)*
See also Commercial education; Correspondence schools and courses; Domestic-service education; Evening schools; Industrial education; Job analysis; National appropriations for education—U. S.; Opportunity schools; Personal-service education; Prevocational education; Professional education; Public-service education; Rehabilitation, Civil; Rehabilitation, Military; State appropriations for education; Transportation education; Vocational agriculture; Vocational guidance; Vocational home economics; *also* names of vocational education acts and bills, e.g. Smith-Hughes act. N. B. Names of acts and bills are not included in this List. Insert when needed.
Refer from Adult education; Compulsory education; Education; Education—Aims and objectives; Educational guidance; Home, The, and education; Knights of Columbus—Educational work; Liberal and vocational educations; Sociology, Educational; State, The, and education; Young men's Christian associations—Educational work; Young women's Christian associations — Educational work; (s): Occupational training.

Vocational guidance. *(U)*
See also Achievement tests—Uses; Character-trait tests—Uses; Exploratory courses; Health—Students; Individual

Vocational guidance—*(Continued)*
differences; Intelligence tests—Uses; Job analysis; Marks—Students—Uses; Occupational instruction; Occupational studies; Occupational tests; Parents; Physical tests — Uses; Prevocational education; Prognosis tests; Special abilities; Student advisers and counselors; Vocational conferences; Vocational tests.
Refer from Counseling systems; Educational guidance; Employment bureaus—Students; Personnel service; Sociology, Educational; Surveys; Vocational education; (s): Business, Choice of; Choice of profession; Occupation, Choice of; Profession, Choice of; Vocational counseling.

—Public schools.
Refer from Administration — Public schools; Bureaus of educational research—Public schools.

Vocational home economics.
(Include training for home-making as a vocation or for wage-earning in the home; industrial home economics, e.g. catering, millinery; and professional home economics, e.g. managing an institution, being a dietitian, etc.)
See also Beauty-culture schools and courses; Domestic-service education.
Refer from Home-economics education; Vocational education; (s): Vocational home-making education.

Vocational home-making education. *See* Vocational home economics.

Vocational psychology. *See* Industrial psychology.

Vocational rehabilitation. *See* Rehabilitation, Civil.

Vocational tests.
See also Aptitude tests; Commercial tests; Occupational tests; Professional tests; Trade tests.
Refer from Tests and scales; Vocational guidance; (s): Ability tests.

Voice, Change of.
Refer from Adolescence; Sex differences.

Voice culture.
(Individual instruction in singing)
See also Respiration.
Refer from Elocution; Music; Singing; (s): Music, Vocal; Vocal culture; Vocal music; Voice-placing.

Voice-placing. *See* Voice culture.

Voice teachers. *(G)*
Refer from Music teachers; Teachers; (s): Singing teachers.

Volition. *See* Will.

Volitional tests. *(T)*
Refer from Mental tests; Personality tests; Tests and scales; Will.

Volley ball.
Refer from Athletic fields; Athletics; Gymnasiums.

Voluntarism.
Refer from Education—Theories and principles; Epistemology; Ethics; Philosophy; Will.

Voluntary attention. *See* Attention.

Voluntary control. *See* Habit; Instincts; Will.

W

Wages. *(P)*
(Remuneration for manual labor)
Refer from Costs and expenditures.
—Engineers. *(U)*
Refer from Operation—Plants.
—Public schools.
Refer from Costs and expenditures—Public schools; Engineers — Public schools.
—Janitors. *(U)*
Refer from Operation—Plants.
—Public schools.
Refer from Costs and expenditures—Public schools; Janitors — Public schools.

Walking.
Refer from Exercise; Physical education; Recreation; (s): Hiking.

Walks. *(U)*
(Include cement, board, etc.; also costs)
—Public schools.
Refer from Capital outlay — Public schools.

Walls, Color of. *See* Color of walls.

Wandering students.
(Include Bacchants, Goliards, etc.)
Refer from Boarding round of teachers; Student life; Students; Travel as education.

War and education.
Refer from (s): Education and war.

War work—Universities and colleges. *See* Universities and colleges—War work.

Ward schools, City. *See* City schools.

Warm and cold spots.
See also Adaptation, Sensory.
Refer from Cutaneous sensations; Pain; (s): Cold spots; Heat spots; Skin; Temperature spots.

Washing facilities—School buildings.
See also Plumbing.
Refer from Water supply systems—School buildings; (s): Lavatories.

Washington's birthday.
(Include exercises and celebrations)
Refer from Special days.

Waste-chutes. *See* Mechanical service systems—School buildings.

Waste in education.
Refer from Business administration—Public schools; (s): Education, Waste in.

Watchmen. *(U)*
—Universities and colleges.

Water polo.
See also Swimming; Swimming pools.
Refer from Athletics.

Water supply systems—School buildings.
See also Bathing facilities—School buildings; Drinking facilities—School buildings; Washing facilities—School buildings.
Refer from Sanitation—School buildings; Service systems—School buildings.

Waterproofing—School buildings.
See also Drainage—School buildings.
Refer from Building materials—School buildings; Buildings — Construction — Public schools; Foundations — School buildings; (s): Buildings, Dampproofing of; Dampproofing—School buildings.

Wealth and education.
See also Philanthropy, Educational; Support of education.
Refer from (s): Education and wealth.

Weather.
(Effect on human behavior)
Refer from Classroom management; Conduct and deportment; Fatigue, Mental; Hygiene of instruction.

Weaving. *(S, U)*
Refer from Arts and crafts.

Week-day church schools. *See* Week-day religious education.

Week-day religious education.
Refer from Community and schools; Religious education; Religious education—Public schools; (s): Public schools and religion; Religion and the public schools; Week-day church schools.

Weight—Students. *(U)*
See also Age-height-weight tables; Overweight—Students.
Refer from Growth, Physical; Health—Students; Nutrition—Students; Physical examinations.

Weighted credits. *See* Credit for quality.

Weighting of scores. *See* Test scores—Weighting.

Weighting of tests. *See* Weighting used as a test subdivision *(T)* e.g. Tests and scales—Weighting.

Welfare work. *(P)*
See also Child welfare.
—Students. *(U)*
See also Philanthropy—Students.
Refer from Character education; Citizenship education; Extra-curricular activities; Student life; Welfare-work training; (s): Social-service activities—Students.
—Universities and colleges.
See also Philanthropy—Students—Universities and colleges; University settlements.

Welfare-work training.
See also Social psychology; Welfare work—Students.
Refer from Education; (s): Public welfare-work training; Social-service training.

Whipping. *See* Corporal punishment.

Whites and Negroes. *See* Negroes and Whites.

Whole and part learning.
Refer from Memorizing; (s): Part and whole learning; Piecemeal and whole learning.

Whooping cough.
Refer from Communicable diseases; (s): Pertussis.

Wider use of school plant. *See* Community-center activities—Public schools.

Wildings.
(Children who grow up alone or with animals without any human contacts)
Refer from Atypical children; Children.

Will.
See also Attention; Automatic movements; Automaton theory; Behavior; Belief; Choice; Decision; Desire; Determinism,

Will—*(Continued)*
Educational; Effort; Emotions; Freedom of will; Instincts; Mind reading; Motives; Motor ability; Motor processes; Self-activity; Suggestion; Volitional tests; Voluntarism.
Refer from Character; Character education; Consciousness; Mind; Personality; Psychology; Purposive psychology; Social psychology; (s): Conation; Self-control; Volition; Voluntary control.

—Diseases.
See also Abulia; Hysteria; Manic-depressive insanity; Obsessions; Paralysis.
Refer from Psychoses.

—Education.
Refer from Conduct and deportment; Psychology, Educational.

Window shades—School buildings. *See* Windows and shades—School buildings.

Window ventilation.
Refer from Ventilation—School buildings.

Windows and shades—School buildings.
(Include different kinds of windows, e.g. adjustable, skylights, etc.; also space needed)
Refer from Lighting, Natural — School buildings; (s): Shades—School buildings; Window shades—School buildings.

Winnetka technique.
Refer from Individual differences—Adjustments; Individual instruction.

Wireless classes. *See* Radio teaching.

Withdrawals — Students. *See* Elimination — Students.

Women—Education.
See also Coeducation; Convent education; Finishing schools; Girls' schools; Home-economics education; Intelligence of woman; Physical education for women; Private schools; Women—Higher education; Women's clubs—Educational work.
Refer from Sociology, Educational; (s): Education of girls; Education of women.

Women—Higher education.
See also Monasticism and education; Students (women)—Universities and colleges; Universities and colleges (women)
Refer from Women—Education; (s): Collegiate education of women.

Women and education.
(The part which woman has played for education in the home, school, and politics)
See also Home, The, and education; Women as teachers; Women on boards of education; Women's clubs—Educational work.

Women as teachers.
See also Married women as teachers; Women teachers for boys.
Refer from Teachers; Teachers (women); Women and education; (s): Feminization of teaching.

Women on boards of education.
Refer from Boards of education; Women and education.

Women teachers for boys.
Refer from Women as teachers.

Women's clubs—Educational work.
See also Child welfare; Compulsory education; Hygiene, School; Juvenile delinquency; Lunches, School; Nurses—Public schools; Open-air schools; Parenthood education; Public playgrounds; Sanitation—School buildings; Scholar-

Women's clubs — Educational work—*(Continued)*
ships and fellowships; Sex education.
Refer from Clubs; Graduates (women)—Universities and colleges; Sociology, Educational; Women—Education; Women and education.

Wood-block printing. *(S, U)*
Refer from Art education; Printing.

Wood-turning. *(S, U)*
Refer from Industrial education.

Wood-working. *(S, U)*
Refer from Art education; Industrial education; Manual training.

Wood-working shops.
(Include designs and construction)
Refer from Shops; (s): Manual-training rooms.

—Equipment and supplies.

Word analysis. *See* Word study.

Word blindness. *See* Aphasia and aphasias.

Word building. *See* Word study.

Word deafness. *See* Aphasia and aphasias.

Word lists. *See* Spelling lists.

Word method.
Refer from Analytic method; Reading—Teaching — Methods and technique; Thought-getting method.

Word recognition.
See also Action work; Analytic method; Contextual method; Defining, Method of; Phonic method; Thought-getting method.
Refer from Reading—Teaching.

Word study.
(Derivation and structure of words in terms of stems, prefixes, and suffixes)
Refer from English language—Pronunciation; Spelling—Teaching—Methods and technique; (s): Word analysis; Word building; Word synthesis.

Word synthesis. *See* Word study.

Work curves. *See* Curves of work.

Work-study-play plan. *See* Platoon plan.

Workers' education. *(G)*
See also Industrial education; Labor schools and colleges.
Refer from Adult education; Labor and education; (s): Labor education.

Working papers. *See* Employment certificates.

Working programs. *See* Daily programs and time schedules.

Working way through college. *See* Student employment—Universities and colleges.

World-citizenship education.
Refer from Citizenship education; Education.

World history. *(S, U)*
Refer from History.

World peace and education.
(Include peace leagues and societies)
See also Interchange—Students; Interchange—Teachers; Travel as education.
Refer from International education; Internationalism; Sociology, Educational; (s): International peace and education; Peace, International, and education; Peace, World, and education.

World university. *See* International universities.

Worry.
Refer from Imagination.

Wraps, Handling of. *See* Routine procedures —Classrooms.

Wrestling.
Refer from Athletics.

Writer's cramp. *See* Handwriting—Hygiene.

Writing.
(Its educational significance as a mode of communication)
See also Blind—Printing and writing systems; Handwriting; Manuscript writing; Typewriting.

—Materials and instruments.
Refer from (s): Instruments of writing; Materials of writing.

Writing schools.
Refer from Education—U. S.—Colonial period.

Written English. *See* English language—Composition.

X, Y, and Z

X-Y-Z classes. *See* Homogeneous grouping.

Year, Length of. *See* Length of year.

Year-round schools. *See* All-year schools.

Yearbooks. *See* Student annuals; *also* Yearbooks used as a form subdivision *(F)* e.g. Courses of study — Construction — Yearbooks.

Yells. *See* Student yells.

Young men's Christian associations.
Refer from Religious organizations—Universities and colleges.

—Educational work.
See also Commercial education; Evening schools; Industrial education; Lectures and lecture courses; Physical education; Summer camps—Educational work; Vocational education.
Refer from Adult education; Sociology, Educational.

Young men's Hebrew associations—Educational work.
Refer from Adult education.

Young women's Christian associations.
Refer from Religious organizations—Universities and colleges.

—Educational work.
See also Commercial education; Evening schools; Home-economics education; Physical education; Summer camps—Educational work; Vocational education.
Refer from Adult education; Sociology, Educational.

Young women's Hebrew associations—Educational work.
Refer from Adult education.

Youth. *See* Adolescence.

Youth movement.
Refer from Sociology, Educational.

Zoning.
Refer from Building sites—Public schools.

Zoological laboratories.
Refer from Laboratories.

—Equipment and supplies.

Zoology. *(S, U)*
See also Anatomy; Aquariums—Public schools; Ecology; Entomology; Heredity; Morphology; Paleontology; Vivariums—Public schools.
Refer from Biology; Natural sciences; Physiology.

—Teaching—Methods and technique.
See also Laboratory method; Notebook method; Object teaching.

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